

**BULLETIN**  
OF  
**The Inter-University Board, India**

**Vol. VI**

**No. 1**

**JANUARY, 1934**

Published by  
**SECRETARY, INTER-UNIVERSITY BOARD, INDIA**  
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## REPRESENTATIVES.

1. Prof. G. H. Langley, M.A., I.E.S., Vice-Chancellor, Dacca University, Ramna, Dacca (*Chairman*).
2. Dr. Sir Akbar Hydari, Nawab Hyder Nawaz Jung Bahadur, B.A., LL.D., Finance Member, Executive Council and Member, University Council, Osmania University, Hyderabad (Deccan).
3. Prof. A. C. Woolner, M.A., C.I.E., F.A.S.B., Vice-Chancellor, The Panjab University, Lahore.
4. Principal A. B. Dhruva, M.A., LL.B., Pro-Vice-Chancellor, Benares Hindu University, Benares.
5. Diwan Bahadur Sir K. Ramunni Menon, Kt., M.A. (Cantab.), Vice-Chancellor, Madras University, Madras.
6. Prof. P. A. Wadia, M.A., Dean, Faculty of Arts, Bombay University, and Professor of Philosophy and Politics, Wilson College, Bombay.
7. Rao Bahadur S. E. Ranganadhan, M.A., I.E.S., Vice-Chancellor, Annamalai University, Annamalainagar, Chidambaram.
8. Pandit Amaranatha Jha, M.A., Professor of English, Allahabad University, Allahabad.
9. Khan Bahadur Md. Abdur Rahman, B.A., LL.B., Vice-Chancellor, Delhi University, Delhi.
10. Dr. Sir S. Radhakrishnan, Kt., M.A., D.Litt., Vice-Chancellor, Andhra University, Waltair.
11. R. B. Ramsbotham, Esq., M.B.E., M.A. (Oxon.), B.Litt., F.R.Hist.S., I.E.S., Pro-Vice-Chancellor, Aligarh Muslim University, Aligarh.
12. Dr. E. P. Metcalfe, D.Sc., F.Inst.P., Vice-Chancellor, Mysore University, Mysore.
13. Lt.-Col. Dr. Sir Hassan Suhrawardy, Kt., O.B.E., M.D., F.R.C.S.I., D.P.H., Vice-Chancellor, Calcutta University, Calcutta.
14. The Hon'ble Mr. Justice Khaja Mohamad Noor, C.B.E., Khan Bahadur Vice-Chancellor, Patna University, Patna.
15. Prof. A. C. Sen Gupta, M.A. (Edin.), Principal, Morris College, Nagpur.
16. Dr. R. P. Paranjpye, M.A., B.Sc., D.Sc., Vice-Chancellor, Lucknow University, Lucknow.

The Educational Commissioner with the Government of India, New Delhi.

Prof. A. R. Wadia, B.A. (Cantab.), Bar-at-Law, Professor of Philosophy, Mysore University, Mysore (*Secretary*).



# BULLETIN OF The Inter-University Board, India

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Vol. VI

January, 1934

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## AGRA UNIVERSITY.

The members of the various Bodies of the University hold office for three years. The terms of old members expired on November 2, 1933, and consequently fresh members were elected or nominated for the tricennium commencing from November 3, 1933. The following persons have been elected as Deans of the respective Faculties :—

Arts .. .	The Rev. T. D. Sully, M.A., Principal, St. John's College, Agra.
Science .. .	<i>Vacant.</i>
Commerce .. .	Mr. Kalka Prasad Bhatnagar, M.A., Vice-Principal, D. A. V. College, Cawnpore.
Law .. .	Mr. Brijendra Swarup, B.A., LL.B., Advocate, Cawnpore.
Agriculture .. .	Mr. C. Mayadas, Principal, Agricultural College, Cawnpore.

An humble beginning has been made by providing two Research studentships of Rs. 50 per mensem each, tenable at colleges affiliated to the University. One of the research studentships for the year goes to an Arts graduate and the other to a Science graduate. The Executive Council has also awarded a stipend to one of its distinguished graduates, who is carrying on research in Mathematics under Dr. Ganesh Prasad at Calcutta. The Government of the United Provinces have created two research studentships in Chemistry tenable at the two Agra colleges.

Dr. K. C. Mehta, Professor of Botany at the Agra College, continues his research on "Rusts of Wheat and Barley". The Imperial Council of Agricultural Research, which finances this work, has made a grant of Rs. 4,800 per annum for two years to the Agra College for additional staff in the Department of Botany to relieve Dr. Mehta of a part of his more routine teaching.

Arrangements have been made for the delivery of Inter-collegiate lectures. Of the 15 colleges affiliated to the University, everyone will have the benefit of a series of three lectures by a lecturer. The lecturers have been selected from the affiliated colleges and teaching Universities in the United Provinces.

It is a matter of gratification that the Governor acting with his Ministers, has been pleased to grant to the University the lease of a plot of land in the Hewett Park on a nominal rent of Re. 1 per annum. The foundation stone of the buildings of the University was laid by His Excellency Capt. Nawab Sir Muhammad Ahmad Said Khan, K.C.I.E., K.C.S.I., M.B.E., Governor of the United Provinces of Agra and Oudh and Chancellor of the Agra University on November 4, 1933. The plans of the building are well-nigh complete and it may be hoped that the building would be ready in about a year's time.

The Executive Council has amended regulations whereby in future the division in the Master's degree will be awarded on the marks of both the Previous and the Final examinations. No division will be awarded on the result of the Previous examination, but the candidate shall have to pass in the Previous examination before joining the Final course.

Also it has been decided that the B.Com. (Part I) Examination be abolished and that in future there should be only one examination at the end of two years' course for the B.Com. degree.

*2nd December, 1933.*

HITAKARI SINGH SETH,  
*For Registrar.*

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## ALIGARH MUSLIM UNIVERSITY.

The year 1933 for the Muslim University has been one of considerable activity ; it has also been one which has called for much patience from all members of the University as the financial difficulties confronting the University compelled the imposition of a graded cut in the salaries of all employees in the University for a period of three years with effect from 1933.

The following changes have been made in the Statutes, Ordinances, and Regulations of the University :—

1. (a) *Clause 15* :—The Executive Council has been enlarged from three to fifteen members. The new Executive Council, elected by the Court on September 29, 1933, now consists of the following gentlemen : —

*Ex-Officio Members* : —

- (1) The Vice-Chancellor :— Nawab Masood Jung Bahadur Sir Syed Ross Masood, Kt., LL.D., B.A. (Oxon.), Bar-at-Law.
- (2) The Pro-Vice-Chancellor :—R. B. Ramsbotham, Esq., M.B.E., M.A., B.Litt., F.R.Hist.S., I.E.S.
- (3) The Treasurer : Nawab Mohd. Ismail Khan Saheb, Bar-at-Law.

*Members who are also members of the Academic Council* :—

- (4) A. B. A. Haleem, Esq., B.A., Bar-at-Law, Muslim University, Aligarh.
- (5) A. M. Kureishy, Esq., M.A., Muslim University, Aligarh.

*Members ordinarily residing in the Aligarh District* :—

- (6) K. B. Moulvi Mohd. Habibullah Khan Saheb, B.A., Wilayat Manzil, Aligarh.
- (7) Nawab Sadr Yar Jung Bahadur Moulvi Mohd. Habibur Rahman Khan Saheb Sherwani, Habibganj, Aligarh.

*Members not ordinarily residing in the Aligarh District* :—

- (8) Dr. Zakir Hosain Khan, M.A., Ph.D., Jamia Millia, Delhi.
- (9) Dr. Wali Mohamed, M.A., Ph.D., Professor of Physics, Lucknow University, Lucknow.
- (10) Dr. K. A. Hamied, B.Sc., M.A., Ph.D., 12, Rampart Road, Fort, Bombay.
- (11) Lt.-Col. M. A. Rahman, I.M.S., Civil Surgeon, Agra.
- (12) Ahsanul Haq, Esq., Bar-at-Law, Jullundar.
- (13) Hon'ble Mr. Justice Chodhri Naimatullah, B.A., LL.B., 14, Hastings Road, Allahabad.
- (14) Ghulam Mohamed, Esq., M.A., LL.B., 217, Lower Circular Road, Calcutta.
- (15) Hon'ble K. B. Sir Sheikh Qadir, Kt., Judge, High Court, Lahore.

(b) *Clause 19B (1)* :-- The statutory obligation to hold the meetings of the Standing Finance Committee in September has been given up.

(c) *Clause 11 (1) (IX)* :-- The two members of the teaching staff lower in rank than a Professor, who, hitherto, held office for one year only, will now hold it for three years.

2. An amendment in the Ordinances suggesting that the medium of instruction and of examination of the High School Classes be Urdu has been passed by the Academic Council and is before the Government.

3. An amendment in Academic Council Regulation 7, Chapter XC, by which the medium of instruction in VI, VII and VIII Classes of the Schools has been changed to Urdu.

The Knighthood conferred on the Vice-Chancellor of the University was a source of great satisfaction to all members of the University, who felt that Sir Syed Ross Masood had well earned this distinction by the great efforts which he has made for the University and for its marked progress under his guidance.

During the year the Vice-Chancellor visited Afghanistan at the request of the Afghan Government to assist that Government with advice in the guidance of its educational policy. He returned to India shortly before the lamented death of the late King Nadir Shah.

Constructional work of an active nature was carried out during the year. The drainage scheme by which it is hoped to make the Irwin and Minto Circles completely free from being flooded during the rains, is now under the immediate supervision of Mr. Stonebridge, who hopes to complete the work before the commencement of next rains. This will materially improve the health and conditions of students in Aligarh during the rainy season and on the strength of the prospects afforded by the completion of this work, the Academic Council has recommended that the University session should commence in July 1934 instead of in October. It is hoped that this change will be permanent and that the University session will commence henceforth in July of each year. This will enable the Muslim University to open at the same time as nearly all Universities in India and will be a great convenience to many intending students.

The most noticeable feature of the Muslim University life during the year under review has been the opening of Aftab Hall which owes its origin to the generosity of Old Aligarh Men who have met the entire cost of building it. It was built to house 84 students, each in a single room of his own, and it was immediately filled. The objects of the Hall are firstly, to provide for Musulman students the advantages of a residential University at a much lower cost than has hitherto been possible; secondly, to maintain more vigorously the old Musulman traditions of simplicity of life, and to instil that principle into the minds of the coming generation; lastly, it is intended

to provide inexpensive and good facilities for the sons and relatives of Old Aligarh Men who may find themselves unable to meet the ordinary cost of residence for their sons in this University. This experiment has proved a great success and Morison Court, another 80 seats, have been added to Aftab Hall which needed extra accommodation, all of which have been occupied. The admissions to Aftab Hall this year were confined entirely to First and Second Division candidates. It is much to be hoped that the Halls in this residential University will not be standardized and that each Hall shall make its own appeal to the Community while preserving a proper regard for due economy, discipline and industry ; this will enable a system to be built up, of which the nucleus already exists resembling the Colleges of Oxford and Cambridge.

The reports of the various Departments show satisfactory work both in the Advanced and Research Classes and in the ordinary teaching classes during the year. There is a serious lack of satisfactory scholarships and bursaries, which, it is hoped, the generosity of the Muslim Public will eventually provide. These have already been provided in the Department of Theology, but they are necessary in every department if the best and most capable students are to be attracted.

The athletic achievements of the University during the year have been exceedingly good. In Cricket, Hockey, Tennis and Sports a long list of successes against formidable opponents is recorded and Mr. Mirza Fahim Beg won the individual Provincial Championship at the U.P. Olympic Athletic Meet. The University Training Corps has also done extremely well and more than held its own, winning some of the most valued cups open to the Battalion. During the year a Rifle Meeting was held which has proved very satisfactory.

The University during the year had the honour of receiving an address from His Excellency Rauf Bey, ex-Prime Minister of Turkey. His Excellency spent a few days as the guest of the Vice-Chancellor, and was received with affectionate respect and enthusiasm by the whole University. His address and his inspiring presence will long be remembered by all who had the privilege of meeting him. Among other distinguished visitors to the University was His Eminence the Grand Mufti of Jerusalem, who addressed the students of the University on the proposed establishment of a Muslim University in Palestine and Dr. Shafaat Ahmad Khan, whose explanation of the work in London of the Indian delegates was very instructive.

The following gentlemen contributed and made donations to the University during the year :—

1. Mirza Bashiruddin Mahmood Ahmad Saheb, Head of the Ahmadiya Community, Qadian.

2. His Highness Maharaja Tukoji Rao Holkar of Indore.
3. His Highness the Nawab Sahib of Mongrol (Kathiawar).
4. Mr. Mohd. Liaqatullah Kureishy, Bar-at-Law, Gwalior.
5. Ch. Naseeruddin Sahib, E.A.C., Wazirabad.
6. K. B. Seth Ahmed Alladin, Contractor, Secunderabad (Deccan).
7. Khan Bahadur Misbahul Osman, Deputy Commissioner (Retired), Central Provinces.
8. M. Masoodur Rahman Khan Sherwani, Habibganj.
9. Nawab Akbar Yar Jung Bahadur, Hyderabad.

Among the Research Publications carried out by the University, the following may be mentioned : -

#### CHEMISTRY.

1. The Formation and Stability of Polybromide Derivatives of Heterocyclic Compounds. Part I. The Bromination of Dephenyl-thiohydantion and its ortho Tolyl Homologue (Farooq and Hunter, *J. Indian Chem. Soc.*, 9, 546, 1932.)
2. Studies in the Naphthathiazole Series. Part I. The Constitution of the Bromo-addition Compounds of Bromo-substituted Alkylamino-naphthathiazoles obtained in the Bromination of s-X-Naphthyl-alkylthiocarbamides (Chiragh Ilasan and Hunter, *J. Indian Chem. Soc.*, 10, 82, 1933).
3. The Formation and Stability of Polybromide Derivatives of Heterocyclic Compounds. Part II. The Polybromide Ion Derivatives of Alkylaminobenzthiazoles obtained from s-Phenylalkylthiocarbamides and Bromine, and a Comparison of the Ease of Nuclear Substitution by Bromine in 1-Alkylaminobenzthiazolium and 1-Imino-2 : alkyl-1 : 2-dihydrobenzthiazolium Ions (Farooq, Hunter and Jaffery, *J. Indian Chem. Soc.*, 10, 89, 1933).
4. The Interaction of Aromatic Thiocarbamides with Bromine (Hunter, Sir P. C. Ray 70th Birthday Commemoration Volume of the *J. Indian Chem. Soc.*, p. 73, 1933).
5. The Chemistry of Alkylcyclopentannones. Part III. The Synthesis of "3'-Methylcyclopentanespirocyclohexane-3 : 5-dione" (Dr. Desai, *J. Indian Chem. Soc.*, 10, 257, 1933).

#### PHYSICS.

1. Über die Dissoziation zweiatomiger Moleküle mit p-p-Binding (H. Lessheim and R. Samuel, *Z. f. Physik*, 84, 63F, 1933).
2. On a connection between spectra of di- and tri-atomic molecules (H. Lessheim and R. Samuel, *Current Science*, 1, 374, 1933).
3. Raman Effect einiger Komplexer Cyanide (R. Samuel and Mohd. Jan Khan, *Z. f. Physik*, 84, 87, 1933).

4. Zur Zuordnung der Absorption-sbanden Komplexer Salze (R. Samuel, A. Abdul Hafiz Khan and Nazir Ahmad, *Z. f. Phys. Chem.*, 22, 431, 1933).
5. The fine structure of the Angstrom Bands (R. K. Asundi, *Indian Science Congress*, 1933).
6. The Sulphur bands (R. K. Asundi, *Indian Science Congress*, 1933).

ZOOLOGY.

1. Dracontiasis in Shorapur. *Proceed. Mus. A. Ad. Sc. Alig.*, Vol. II, No. 1, 1932 (Mirza, M. B.).
2. A Technique for the Preservation of Nematodes. *Proceed. Mus. A. Ad. Sc. Alig.*, Vol. II, No. 1, 1932 (Mirza, M. B.).
3. On a New Nemathelminth from Herpestes mungo. *Zeitschrift fuer Parasiten-kunde, Berlin*, Bd. 6, Heft. 1, 1933, (Mirza, M. B.).
4. On some Nematode Parasites of Aligarh District. *Zeitschrift fuer Parasiten-kunde, Berlin*, Bd. 6, Heft. 2, 1933 (Mazhar, A. K.).

MATHEMATICS.

1. On the greatest prime factor of a certain product (S. M. Shah, *Journal of the Indian Mathematical Society*, No. 3, 1933).
2. On the set of points  $I(a)n^2$  (S. M. Shah, *Bombay University Science Journal*, No. 2, 1933).
3. On the error terms for  $H 2(x)$  (S. M. Shah, *Bombay University Science Journal*, No. 2, 1933).
4. On an asymptotic formula in Theory of Numbers (S. M. Shah, *Indian Physico-Mathematical Journal*, No. 2, 1933).
5. On abundant Integers (S. M. Shah, *Jubilee Memorial Volume of the Indian Mathematical Society*, 1933).

ARABIC.

1. Modern Turkey and Islam (O. Spies, *M. U. Journal*, Vol. II, pp. 1-20, 1933).
2. Mufide Ferid, Die unverzeihliche Sunde *Eine literarische Studie mit Ubersetzung*, by O. Spies, Krefeld, 1933 (Monograph).

ECONOMICS.

1. A Stable Standard of Value (B. N. Kaul, *Indian Journal of Economics*).
2. Economic Depression in India and 1s. 6d. Sterling Exchange (B. N. Kaul, *Indian Journal of Economics*, Vol. XIII, Part 3, p. 559).
3. The Ottawa Trade Agreement (B. N. Kaul, *M. U. Journal*).
4. Symmetallism (B. N. Kaul, *The Leader*).

## ALLAHABAD UNIVERSITY.

### IMPORTANT CHANGES IN STAFF.

*English Department.*—Mr. Girjapati Mukerji, M.A., has been appointed an additional temporary Junior Lecturer up to the end of February 1934.

*History Department.*—Dr. Shafaat Ahmad Khan, M.A., Litt.D., who had proceeded to England to attend the Joint Select Committee, resumed his duties on the 6th December 1933. On his return Dr. R. P. Tripathi, M.A., D.Sc., ceased to act as Head of the Department.

*Sanskrit Department.*—Dr. P. K. Acharya, M.A., Ph.D., D.Litt., who had been granted leave out of India, resumed his duties on 18th November 1933. On his return from leave Dr. Babu Ram Saksena, M.A., D.Litt., reverted as Reader, Dr. Umesh Misra, M.A., D.Litt., as Lecturer and Shastri Raghubar Mitthu Lal, M.A., M.O.L., as Junior Lecturer.

*Ordinances.*—New ordinances relating to the admission of teachers to University examinations as private candidates have been passed. The ordinances relating to the re-checking of marks of unsuccessful candidates and the LL.M. examination have been revised.

*Important Questions under Consideration.*—The questions of the revision of the schemes for the B.A., M.A. and B.Sc. Honours degrees and of the prescription of a regular course of instruction in Music are still under consideration.

*Buildings.*—Government has sanctioned a non-recurring grant of Rs. 31,700 for the extension of the Physics Laboratory of the University.

*Miscellaneous.*—The Executive Council of the University has resolved that all whole-time salaried employees of the University excepting the Vice-Chancellor shall retire on completing the age of 60 years. The question of fixing an age limit in the case of the Vice-Chancellor is still under consideration.

The Court of the University has decided to place in the Senate Hall a life-size portrait of Mahamahopadhyaya Dr. Ganganatha Jha, M.A., D.Litt., LL.D., Vice-Chancellor of the University from 1923 to 1932, in commemoration of the distinguished services rendered by him to the University.

Mr. K. W. S. Jardine of the Ewing Christian College has offered an annual prize of books of the value of Rs. 50 to be known as Francis Jardine Prize for an original composition either in verse or prose to be competed for one year in English language, next year in Hindi and the third year in Urdu.

Mr. Panna Lal, I.C.S., Commissioner, Benares Division, has been elected a member of the Court from among the Registered Graduates in the vacancy caused by the death of Mr. Hanuman Prasad Varma.

Mahamahopadhyaya Dr. Ganganatha Jha, M.A., D.Litt., LL.D., has been elected a member of the Executive Council from among the members of the Court elected by Registered Graduates in the vacancy caused by the appointment of Pt. Iqbal Narain Gurru, M.A., LL.B., as Vice-Chancellor of the University.

Dr. S. B. Dutt, Reader in Chemistry, has been re-nominated as the representative of the University to serve on the Advisory Committee of the Harcourt Butler Technological Institute, Cawnpore, for a further period of 3 years.

The University has conferred the degree of Doctor of Laws *honoris causa* on Sir Malcolm Hailey, Chancellor of the University, on account of his eminent services to the cause of education.

Mr. P. E. Dastoor, M.A., Reader in English, has secured the degree of D.Litt., and Mr. S. C. Deb, M.Sc., of the Physics Department, the degree of D.Sc. of the University.

16th December, 1933.

AMARANATHA JHA,  
*Professor of English.*

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## ANDHRA UNIVERSITY.

### BUILDINGS.

An important stage in the building programme of the University was reached when on the 8th December 1933, His Excellency the Chancellor opened the Jeypore Vikrama Deo College of Science and Technology and the University College of Arts. The former provides sufficient accommodation for the teaching of B.Sc. Hons. courses in Technology, Physics and Chemistry, while in the latter there is accommodation for the B.A. Hons. courses in History, Economics and Politics, Philosophy, Mathematics and Telugu. The Arts section of the Library is for the time being located in a big hall in the University College of Arts while the Science section is in the College of Science and Technology.

It will be remembered that the Rajah Sahib of Jeypore had announced his intention of contributing to the University an annual grant of Rupees One Lakh till such time as he or his heirs are able to endow the University with a capital sum of Rs. 15 Lakhs. The Rajah Sahib has since executed a bond thus giving a legal basis for the announcement. The sum is to be used mainly for the recurring expenditure of the University College of Science and Technology. It was in grateful recognition of this munificent gift that the University has named the College after the Donor as Jeypore Vikrama Deo College of Science and Technology.

The Hostels providing single room accommodation for about 140 students will be complete before the beginning of the next academic year. It is also expected that our Library building will be ready before the end of 1934, while we look forward to having our Convocation Hall, the absence of which has been seriously felt with the development of the University teaching activities, before the middle of 1935.

### SPECIAL LECTURES.

It was announced in one of the previous issues of this Bulletin that Sir Alladi Krishnaswamy had offered to pay for the next ten years an annual contribution of Rs. 1,000 towards the institution of a Lecturership each year. The University has been particularly fortunate in having been able to secure the services of Poet Dr. Rabindranath Tagore, to deliver the first course of lectures. He delivered these on the 8th, 9th and 10th December 1933, the subject of the discourse being "Man". We had an attendance of about 3,000 each day.

### HONOURS COURSES.

As stated in the last volume, first and second year courses in B.Sc. Hons. in Sugar Technology were opened in July last. The University now

provides for the study up to the Honours standard in History, Politics and Economics, Telugu Language and Literature, Mathematics, Philosophy, Physics, Chemistry and Technology with special reference to Sugar Industry.

### VERNACULARIZATION.

The Report on Vernacularization deplored the lack of suitable text-books for the Intermediate classes. Steps are being taken to have such text-books prepared in all non-language subjects by competent scholars. It is expected that these will be ready by the end of 1935.

### EXTENSION LECTURES.

As usual the Syndicate arranged for the delivery of a series of Extension lectures under the auspices of the University at different centres in the University area. The following is a list of important lectures delivered during the period under report either under the auspices of the University or the colleges concerned :—

NAME OF THE LECTURER.	SUBJECT	DATE ON WHICH THE LECTURE WAS DELIVERED.
<i>Noble College, Masulipatam</i>		
Prof. S Hanumantha Rao ..	Caves of Ajanta and Ellora	18th November 1933.
Sir J C. Coyajee ..	The Corporate Fascist State	25th November 1933
Rev A B Johnston ..	In and Around London.	23rd November 1933.
Rev. Dr. W. S. Uiquhart ..	Philosophy of Life.	6th and 8th October 1933.
<i>Government Arts College, Rajahmundry</i>		
Sir J. C. Coyajee ..	Indian Joint Stock Companies.	12th February 1933
Do. ..	Land Mortgage Banks	13th February 1933.
Rao Bahadur Dr. T. S. Tirumurti ..	Tuberculosis and how to combat it.	17th February 1933.
<i>P. R. College, Cocanada</i>		
Mr. M. Venkatarangiah ..	The Problem of Local Autonomy.	23rd August 1933
Mr. T. Sivasankara Sastry ..	Modern Telugu Poetry.	7th September 1933
Mr. K. Lakshminikantam ..	Recent Ideas in Physics.	7th October 1933.
Mr. K. Sachithanandam ..	Charles Dickens.	14th October 1933.
Pandit Ch. Lakshminarasimham ..	'Pandita Raya' Poet Laureate of the Court of Emperor Shah Jehan.	4th November 1933.
Mr. A. Seshagirirao ..	Places of Historical Interest in and around Cocanada.	13th November 1933.
Mr. B. Venkateswarlu ..	Varnashrama Dharma—Then and Now.	20th November 1933.
Mr. D. Ramakrishnarao ..	Federal India and the White Paper.	25th November 1933.
Mr. A. R. Ponnuswamy Iyer ..	Memory and how to improve it.	2nd December 1933.

### BRITISH DEBATING TEAM.

The representatives of the University Union had the privilege of participating in a debate with the British Debating Team, which visited the University centre in October last. The subject of the debate was "That Industrialism is destroying the beauty of the World". The debate was largely attended and very interesting.

### PUBLICATIONS.

During the period under review the following books were published by the University :--

- (1) "Kavithvathathvavicharamu," by Mr. C. R. Reddi, M.A. (Cantab.), late Vice-Chancellor of the University.
- (2) "Andhra Mimamsanyayamuktavali," by Mr. K. Gopalakrishnamma, M.A., L.T., Lecturer in Oriental Languages, Government Arts College, Rajahmundry.
- (3) A Descriptive Catalogue of the Telugu Manuscripts in the Tanjore Palace Library, Editor Mr. P. P. S. Sastri, Additional Professor of Sanskrit, Presidency College, Madras.

### CONVOCATION.

The Seventh Convocation of the University was held on Thursday, the 7th December 1933, under the presidency of His Excellency Sir George Frederick Stanley, the Chancellor, when the following degrees and diplomas were awarded :--

Name of the Degree.				Number of Candidates.	
	Present.		<i>In absentia.</i>		
M.B.B.S.	..	..	..	12	9
L.M.S.	..	..	..	1	4
B.Ed.	..	..	..	44	29
B.Sc.	..	..	..	53	4
B.A.	..	..	..	235	87*

### ORIENTAL TITLES—

Vidya Praveena	..	..	11	3
Ubhayabhasha Praveena	..	..	26	3
Munshi-i-Kamil	..	..	..	2

The Hon'ble Mr. Justice M. Venkata Subba Rao delivered the Convocation Address.

\*Includes one who was presented with the Degree in advance.

### DONATION.

Mr. I. Kotayya Naidu, Tahsildar, Bhimavaram, gave a donation of Rs. 1,400 for founding a Medal in memory of his late daughter Inturi Padmavati.

### MATTERS OF ACADEMIC IMPORTANCE.

The Academic Council adopted comprehensive Regulations for the award of M.A. and M.Sc. Degrees. The Regulations relating to the award of the Titles in Oriental Learning have been revised so that we have now one set of courses leading to Titles in Sanskrit Learning and another set leading to Titles in Vernacular Languages.

### RESEARCH WORK.

A brief summary of the Research Work of the University Teachers :--

Sir J. C. Coyajee is working on such live subjects as *Indian Banking*, *The Economics of Fascism* and *The League of Nations and its Critics*. Mr. S. Purushottam of the Mathematics Department has written an important paper on "Schlicht" functions with "gaps". Mr. P. T. Raju of the Philosophy Department is working on *Hegel and Sankara*, from the side of Logic. Mr. M. V. N. Subba Rao, Lecturer in English, published a small book on *Shakespeare and the Problem of Evil*, which attracted much attention.

Mr. S. Bhagavantam, Reader in Physics, is engaged in investigating the special characters exhibited by the rotational Raman scattering in liquids as opposed to the case of gases, with a view to throw light on the important problem of the nature of the liquid state. Dr. I. Ramakrishna Rao of the Physics Department is continuing his work— the Nature of Solutions. He found out that while the oxy-acids dissociate progressively into their ions with addition of water, most of the other electrolytes including acids and salts are completely dissociated even at high concentrations. From his work on ice and water at different temperatures, it is clear that the number of triple, double and single molecules that exist in this substance could be computed. Dr. T. R. Seshadri of the Chemistry Department is engaged in important chemical investigations on plant products and has written a paper on flower pigmentation, which marks a definite advance on our present knowledge of that subject. Mr. G. Gopala Rao of the Chemistry Department has collected further evidence in support of the photo-chemical view of the nitrification process in soils. The important role of sunlight which his researches indicate will modify considerably our present views on the chemistry of soil processes. His results are in course of publication in the *Journal of Soil Science*. In collaboration with Mr. Pandalai, the Research Scholar, Mr. Gopala Rao has evolved a rapid and accurate method for the estimation of nitrites. The paper embodying the result has been accepted for publication in the London Journal, *The Analyst*.

## DEPUTATIONS, ETC.

The University authorities have resolved to depute the following University teachers to represent the University at the Congresses and Conferences noted against them :—

*The Indian Philosophical Congress at Poona.*

Prof. Sir S. Radhakrishnan (Vice-Chancellor).

*The Indian Economic Conference at Chidambaram.*

Sir J. C. Coyajee (Head of the Department of History, Economics and Politics).

*The Indian Science Congress at Poona.*

Mr. S. Bhagavantam (Reader in Physics).

Dr. T. R. Seshadri (Reader in Chemistry).

Mr. G. Gopala Rao (Lecturer in Chemistry).

Dr. S. Chowla (Reader in Mathematics).

*The Universities Quinquennial Conference at Delhi.*

Prof. Sir S. Radhakrishnan (Vice-Chancellor.)

Mr. O. Pulla Reddi (Member of the Syndicate).

Mr. L. Subba Rao (Member of the Syndicate).

*The Punjab University Jubilee Celebrations.*

Prof. C. V. Hanumantha Rao of Lahore represented very kindly Andhra University at the above celebrations.

WALTAIR,  
19th December, 1933.

C. D. S. CHETTI,  
Registrar.

## ANNAMALAI UNIVERSITY.

*Personnel.*—Professor S. Somasundara Bharathiar, M.A., B.L., was appointed Professor of Tamil.

*Lectures.*—Besides a large number of extension lectures delivered by members of the teaching staff of the University, the following special lectures were delivered under the auspices of the University by distinguished scholars on the invitation of the Syndicate.

<i>Name of Lecturer.</i>	<i>Subject of Lectures.</i>
Pandithamani M. Kathiresan Chettiar	.. Elangovadigal. Kambar. Sekkilar. Manickavasagar.
Mr. T. S. Sabhapathi Pillai	.. Kambar and Valmiki. Kambar and Valmikian customs. Kambar and Valluvar. Kambar and Jurisprudence.
Sir P. C. Ray .. ..	.. Antiquity of Hindu Chemistry. Makers of Modern Chemistry. Chemistry as applied to Industry.
Dr. Arnold A. Bake, Ph.D.	.. Music - 3 lectures.

*Research and Publications.* The second issue of the *University Journal*, a record of the research work done by the members of the teaching staff, was published in October, 1933.

*Mukundamala*, edited by Mr. K. Rama Pisharoti with Introduction and Appendices, and *Sabhapati Vilasa Nataka* by Mm. S. Dandapaniswami Dikshitar, were published as University Sanskrit Series Nos. 1 and 2.

The text-book on Logic in Tamil was published during the year.

Arrangements are being made to institute a prize of Rs. 1,000 with a view to the publication of a Tamil text-book on Chemistry on lines similar to those in respect of the publication of the text-book on Logic.

The Syndicate on the recommendation of the respective Boards of Studies have appointed eleven Research students to do research work in the various subjects under the guidance of the respective heads of departments.

A Special Committee has been appointed to report on the lines of research to be pursued by the Research Department in Tamil proposed to be established early next year. Necessary action will be taken after the report of the Special Committee is received.

*Academic Questions under Consideration.*—(i) The Syndicate on the recommendation of the Board of Studies in Mathematics accepted the proposal to increase the duration of each of the two question papers in Mathematics for the Intermediate Examination from two to three hours.

(ii) On the motion of the Academic Council and the Senate recommending the inclusion of Botany and Zoology as optional subjects for the B.Sc. pass course, the Syndicate has decided to arrange for starting instruction in Botany and Zoology under Part III of the B.Sc. Degree course with effect from the academic year 1934-35.

(iii) The courses of study for the B.A. (Hons.) Degree in Branches II and III (History and Economics) have been revised, and the modified schemes have been approved by the Syndicate. Suitable amendments to the Regulations giving effect to these proposals will be placed before the Academic Council at its meeting to be held in March, 1934.

(iv) The B.Sc. Degree examination will include, with effect from 1935, an additional practical test in Organic Chemistry. Necessary amendments to the Regulations have been approved by the Syndicate and will be placed before the Academic Council at its meeting to be held in March next.

*General.*—The recommendations of the *Ad Hoc* Committee appointed to examine the financial position of the University and to suggest retrenchment of expenditure wherever possible, were in the main accepted by the Syndicate, the Academic Council and the Senate. Suitable amendments to the Laws wherever necessary have been passed and will be given effect to at an early date.

The Syndicate has nominated M.R.Ry. Rao Bahadur S. E. Runganadhan Avl., M.A., I.E.S., Vice-Chancellor, Mr. S. Satyamurti, B.A., B.L., and Dr. B. V. Narayanaswami Naidu, M.A., Ph.D., B.Com., Bar-at-Law, as delegates to the Quinquennial Conference of the Universities to be held at Delhi in March next.

The British Universities Debating Team, during its tour in India, paid a visit to this University on the 16th October 1933 and participated in a debate which was arranged under the auspices of the University Union on 'Mankind has more to fear than to hope from Science'.

*Convocation.*—The Third Convocation for conferring diplomas and titles was held on Thursday, the 26th October 1933, when His Excellency the Chancellor, the Right Hon'ble Lieutenant-Colonel Sir George Frederick Stanley, P.C., G.C.I.E., C.M.G., presided. M.R.Ry. Diwan Bahadur Sir T. Desikachariar Avl., Kt., B.A., B.L., M.R.A.S., delivered the Convocation Address. The following degrees and titles were conferred at the Convocation:—

		In Person.	In <i>Absentia.</i>	Total.
Master of Arts .. ..		.. 1	1	2
Bachelor of Arts (Honours) .. ..		.. 26	11	37
Bachelor of Science (Honours) .. ..		.. 3	..	3
Bachelor of Arts .. ..		.. 19	6	25
Bachelor of Science .. ..		.. 7	1	8
Title of Vidwan .. ..		.. 12	2	14
Title of Siromani .. ..		.. 5	..	5
Title of Sangita Bhushana .. ..		.. 2	3	5
		—	—	—
TOTAL .. ..		75	24	99
		—	—	—

*Buildings.*--The construction of a Sports Pavilion at a cost of Rs. 10,000 has been completed.

The Foundations of the Library Buildings are progressing and are expected to be completed by the end of this year. The work of superstructure will be commenced early next year.

*Endowments and Donations.*--The Raja Saheb of Chettinad has been pleased to give a donation of Rs. 1,200 towards the installation of a Radio set in Annamalainagar. The installation of the Radio will be completed during the year.

*A Boating Scheme* has been sanctioned by the Syndicate and a sum of Rs. 5,000 has been provided in the Budget for 1934-35 towards the construction of a Boat House, a swimming pool and the necessary equipment.

*Congresses and Conferences.*--The following persons have been deputed to represent the University at the Conferences noted below :--

1. Oriental Conference, Baroda .. Prof. C. S. Srinivasachariar.  
Prof. S. Somasundara Bharathi.  
Mr. K. Rama Pisharoti.
2. The Tamil Lovers' Conference .. Prof. S. Somasundara Bharathi.  
Prof. C. S. Srinivasachariar.  
Mr. T. V. Umamaheswaram Pillai.  
M.R.Ry. Diwan Bahadur R. V.  
Krishna Ayyar Avl.  
Janab Basheer Ahmed Sayeed Sahib  
Bahadur.

## BENARES HINDU UNIVERSITY.

### 1. Enrolment of Students.

On the 31st March 1933, the total number of students on the rolls was 3,305. In the current academic session which commenced in July 1933 there was a great rush for admission, and the total number has consequently increased to 3,462. The students are drawn from all parts of the country as is shown by the following table :—

Provinces and States.				Number of Students.
U. P. of Agra and Oudh	..	..	..	1,728
Assam	..	..	..	26
Bengal	..	..	..	148
Bihar and Orissa	..	..	..	254
C. P. including Berar	..	..	..	358
Bombay including Sindh	..	..	..	163
Gujarat	..	..	..	22
Punjab	..	..	..	88
Delhi	..	..	..	10
Madras	..	..	..	288
Rajputana	..	..	..	106
N.-W. F. Provinces	..	..	..	17
Burma	..	..	..	2
Central India Agency	..	..	..	51
States in the Bombay Presidency	..	..	..	17
Hyderabad (Deccan)	..	..	..	33
Mysore	..	..	..	18
Travancore	..	..	..	61
Cochin	..	..	..	33
Baroda	..	..	..	13
Kashmir	..	..	..	15
Patiala	..	..	..	5
Tehri Garhwal	..	..	..	1
British Baluchistan	..	..	..	1
Nepal	..	..	..	4
<b>Total</b>				<b>3,462</b>

Out of 3,462 students on the rolls, 1,985 students are living in the eight Hostels provided for the purpose. It is gratifying to note that there are 103 women students in the University.

## II. Changes in the Staff.

The period under report has been marked with several notable changes in the staff of the University. Dr. G. S. K. Iyer, M.B., D.P.H. (Edinburgh), I.M.S. (Late), Zygontist and Golden Key (Vienna), has been appointed Specialist in Eye, Ear, Nose and Throat diseases for the Sir Sunderlal Hospital which is an adjunct to the College of Ayurveda. Dr. Ram Chandra, M.B.B.S., I.M.S. (Late), retired Civil Surgeon, has been appointed Honorary Chief Medical Officer of the University. Another notable accession to the staff is the appointment of Dr. Gargi Devi Mathur, Ph.D. (London), as Lecturer of English in the Women's College.

In addition to the above the teaching staff has been further strengthened by a dozen new appointments in the grades of Assistant Professors, Tutors, and Demonstrators.

## III. Changes in the Statutes and Regulations.

Some notable changes have been introduced in the Statutes and Regulations of the University. The following are some of the important alterations.—

- (1) In pursuance of Section 16 (A) of the Benares Hindu University Act, as amended, the Council of the University recommended a set of Statutes for the proper administration of Provident Fund. The Court at its meeting held on the 18th of December 1932, accepted the recommendations which have been duly incorporated in the Statutes. As a result of this change the administration of Provident Fund Accounts has been placed on a sound footing and it is hoped that it will be possible to secure exemption from the payment of income-tax under the Provident Fund Act of 1925.
- (2) Another noteworthy change has been introduced in the Statutes of the University. Under Statute 19 (1), Class II (d), members of the Teaching Staff, with the exception of the University Professors, could send only ten representatives to the Senate. In view of the growing number of teachers in the University the representation hitherto enjoyed was considered inadequate. The Statute has, therefore, been amended, and members of the teaching staff will now have fifteen seats on the Senate.
- (3) A new chapter in the Regulations (Chapter XIX A) has been added with a view to provide for the withdrawal and cancellation of Degrees under certain conditions.
- (4) The Regulations relating to Private Candidates for the Admission Examination (Chapters XIV and XL) have been amended with a view to provide additional facilities, specially for women candidates.

#### IV. The Convocation.

The Sixteenth Convocation of the University for conferring degrees was held on December 11, 1933. In appreciation of their valuable services to the cause of education in general, and to the Benares Hindu University in particular, the degree of Doctor of Laws *honoris causa* was conferred on Sir P. S. Sivaswamy Iyer and the Degrees of Doctor of Science on Sir Jagadish Chandra Bose and Sir P. C. Ray.

Mr. Pitamber Dutt Barthwal, M.A., Lecturer in Hindi, was admitted to the D.Litt. Degree as a result of his thesis on the *Nirguna School of Hindi Poetry* having been approved by Dr. Grahame Bailey of the London School of Oriental Studies, Professor R. D. Ranade, M.A., Head of the Department of Philosophy, Allahabad University, and Rai Bahadur Professor Syam Sundar Das, Head of the Department of Hindi, Benares Hindu University.

The following table shows the number of graduates admitted to the various degrees :---

	Degrees.		Number of graduates.
D.Litt. ..	..	..	1
Shastracharya ..	..	..	13
Shastri ..	..	..	21
M.A. ..	..	..	54
M.Sc. ..	..	..	43
B.T. ..	..	..	55
LL.B. ..	..	..	79
B.Sc. (Engineering) ..	..	..	39
B.Sc. (Mining) ..	..	..	5
B.Sc. (Metallurgy) ..	..	..	8
B.Sc. (Pure) ..	..	..	87
B.A. ..	..	..	205
<hr/>			<hr/>
Total ..	..	610	<hr/>
<hr/>			<hr/>

#### V. Research and Literary Publications.

##### FACULTIES OF ORIENTAL LEARNING AND THEOLOGY.

The following books have been published by the members of the staff :--

- (1) विवरण प्रमेय संग्रह, Edited with Notes. References and translation in Bengali—by Mm. Pandit Pramatha Nath Tarkabhushan, Principal, College of Oriental Learning.

- (2) "Katyayana Shrauta Sutra," Edited by Pandit Vidyadhar Goud, Professor, College of Oriental Learning.
- (3) "Shulka Sutra," Edited by Pandit Vidyadhar Goud, Professor, College of Oriental Learning.
- (4) संस्कृत साहित्य का संक्षिप्त इतिहास, by Pandit Sita Ram Joshi, M.A., and Pandit Vishwanath Shastri, M.A., College of Oriental Learning.
- (5) "Niti Manjari," Edited with Introduction. Notes and References by Pandit Sita Ram Joshi, M.A., College of Oriental Learning.
- (6) आपस्तंब धर्मसूत्र, Edited by Pandit A. Chinnaswami Sastri, College of Oriental Learning.
- (7) शाब्द भाष्य व्याख्या बृहती with अनुविमला (प्रथम भाग), Edited by Pandit A. Chinnaswami Sastri, College of Oriental Learning.
- (8) व्युत्पत्तिवाद with प्रकाश, Edited by Pandit Lakshminath Jha, College of Oriental Learning.

#### FACULTY OF ARTS.

##### I.—DEPARTMENT OF SANSKRIT.

Principal A. B. Dhruva—

*Syadvadmanjari* with Introduction and Notes (Bombay Sanskrit Series).

Pandit Batuk Nath Sharma, M.A., Sahityacharya—

Introduction to *Trivikrama's Prakrit Grammar* (Kashi Sanskrit Series, Benares).

Pandit Baldeva Upadhyaya, M.A., Sahityacharya—

(1) *Sukti Muktavali* (Haridas & Co., Muttra).

(2) *Sayan's Chaturveda Bhasya Bhumika* (Kashi Sanskrit Series, Benares).

##### II.—DEPARTMENT OF MATHEMATICS.

Professor V. V. Narlikar, B.A. (Cantab.)—

- (1) "A Theorem on States in Minetic Equilibrium" (*Cambridge Philosophical Magazine*, September 1932).
- (2) "A World Criterion" (*Cambridge Philosophical Magazine*, September 1932).
- (3) "The Restriction to Linearity of the Lorentz Transformation" (*Proceedings of the Cambridge Philosophical Society*, Vol. XXVIII, Part IV).
- (4) "A Note on the Constant of Gravitation, G" (*Nature*, January 28, 1933).

- (5) "The Degrees of Freedom and the Constant M/M" (Sir P. C. Ray Seventieth Birthday Commemoration Volume of the *Journal of the Indian Chemical Society*).

Mr. S. C. Das Gupta, M.A.—

"Theory of the Functions of Complex Variables."

### III.- DEPARTMENT OF ANCIENT INDIAN HISTORY AND CULTURE.

Dr. R. S. Tripathi, M.A., Ph.D. (London)—

- (1) "The Maukharis of Kanuj" (*Journal of Bihar and Orissa Research Society*).
- (2) "The Pratihara Administration" (Mm. Pandit Hara Prasad Sastri Memorial Volume of the *Indian Historical Quarterly*, May 1933).
- (3) "Harsa's Authorship and Patronage of Learning" (*Pandit Mahabir Pd. Dwivedi Commemoration Volume* published by the Nagri Pracharini Sabha, Benares).

### IV.—DEPARTMENT OF HISTORY.

Prof. S. V. Puntambekar, M.A. (Oxon), Bar-at-Law—

- (1) "Bharatiya Lokniti" (*Indian Citizenship* in Hindi ; Hindi Publication Board, Benares Hindu University).
- (2) "Nagrika Niti : An Advanced text-book on the Principles of Civics", (Hindi edition published by Nand Kishore & Bros., Benares, and Marathi Edition published by Navabharat Granthamala, Nagpur).

Pandit G. P. Mehta, M.A.—

- (1) "Chandragupta Vikramaditya," (Hindustani Academy, Allahabad).
- (2) "Prachin Bharat" (Hindi Publication Board, Benares Hindu University).

Dr. D. C. Ganguli, M.A., Ph.D. (London)—

- (1) "Eastern Calukyas" (*Indian Historical Quarterly*, September and December, 1932 and June 1933).
- (2) "History of the Paramara Mahakumars" (*Indian Antiquary*, October and November, 1932).
- (3) "Notes on the Identification of some Brahmanical Sculptures" (*Indian Historical Quarterly*, March 1933).
- (4) "A New Gupta Sculpture" (*Indian Historical Quarterly*, June 1933)

### V.—DEPARTMENT OF ECONOMICS.

Dr. Pran Nath, Ph.D. (Vienna), D.Sc. (London)—

- (1) "Theories of Consumption and their Application" (Nand Kishore & Bros., Benares).

- (2) "Principles of Economics" (In Hindi) (*Ibid.*).
- (3) "Scripts of the Indus Valley Seals, Third Series" (*Indian Historical Quarterly*).
- (4) "Decipherment of Vikram Khola Inscription" (*Indian Historical Quarterly*).
- (5) "Decipherment of Dahl Plate from Larkana (Sindh)" (*Indian Historical Quarterly*).

Prof. B. P. Adarkar, B.A. (Cantab.)—

"Federal Finance" (shortly to be published by P. S. King & Sons, London).

Dr. H. R. Soni, M.A. (Edin.), B.Sc. (London)—

"Indian Industry and its Problems", Vol. II (Longman's Green & Co.).

#### VI.—DEPARTMENT OF POLITICS.

Prof. Gurmukh N. Singh, M.Sc. (London), Bar-at-Law—

*Landmarks in Constitutional and National Development in India, 1600-1919* (Indian Book Shop, Benares).

#### VII.—DEPARTMENT OF HINDI.

Rai Bahadur Prof. Syam Sundar Das—

- (1) Edited the *Mahavir Pd. Dwivedi Abhinandan Granth*, published by the Nagri Pracharini Sabha, Benares.
- (2) *Ratnakar*: A collection of the works of Jagannath Das Ratnakar with Introduction and Notes. (Nagri Pracharini Sabha, Benares.)

Dr. Pitamber Dutt Barthwal, M.A., D.Litt. (B.H.U.) --

"The Nirguna School of Hindi Poetry" (A Thesis approved for the Degree of D.Litt.).

Pandit Jagannath Prasad Sharma—

*Hindi-Ki-Gadya-Ka-Vikas* (Nagri Pracharini Sabha, Benares).

#### VIII.—DEPARTMENT OF PERSIAN AND URDU.

Munshi Mahesh Prasad, Moulvi Fazil—

- (1) *Rubaiyat Omar Khyam* (Ramdayal Agarwal & Sons, Allahabad).
- (2) *Mahabharat in Persian* (Zemana, Cawnpore).
- (3) *Arbi Kabita* (Published in Hindi in Pandit Mahavir Prasad Dwivedi Commemoration Volume).

#### FACULTY OF SCIENCE.

##### I.—DEPARTMENT OF CHEMISTRY.

- (1) "Viscosity of Colloids" by Dr. S. S. Joshi, D.Sc. and Mr. G. K. Murti, M.Sc. (*Kolloid Zeit.*, 1933).

- (2) "Protective Action of Colloids," Parts I and II, by Dr. S. S. Joshi, D.Sc. and Mr. A. Loga Rao, M.Sc. (*Journal of the Indian Chemical Society*).
- (3) "Protective Action of Colloids," Part II, by Dr. S. S. Joshi, D.Sc. and Mr. A. N. Lall, M.Sc. (*Journal of the Indian Chemical Society*).
- (4) "The 'Wall Effect' in the Coagulation of Colloids" by Dr. S. S. Joshi, D.Sc. and Mr. V. L. Narayana (*Journal of the Indian Chemical Society*).
- (5) "Coagulation of Colloids from the standpoint of Smoluchowski's Theory," Part IV, by Dr. S. S. Joshi, D.Sc. and Mr. A. N. Lall, M.Sc. (*Journal of the Indian Chemical Society*).
- (6) "Viscosity Changes in the Colloids due to Coagulation," by Dr. S. S. Joshi, D.Sc. and Mr. K. S. Viswanath, M.Sc. (*Journal of the Indian Chemical Society*).

Prof. P. S. Varma, M.Sc., A.I.I.Sc.—

*Sadharan Rasayan* (Elementary Chemistry in Hindi, Part II. Hindi Publication Board, Benares Hindu University).

## II.—DEPARTMENT OF BOTANY.

Dr. Y. Bharadwaja, M.Sc., Ph.D. (London)—

- (1) "Contributions to our Knowledge of the Myxophyceæ of India" (*Annals of Botany*, London, Vol. XLVII, 1933).
- (2) "A New Species of *Draparnaldiopsis* (*Draparnaldiopsis Indica* Sp. Nov.)" (*New Phytologist*, Cambridge, Vol. XXXII, 1933).
- (3) "False Branching and Sheath Structure in the Myxophyceæ, with special reference to the Scytonematceæ," (*Archiv für Protistenkunde*, Jena, Germany, Vol. 77, 1933).
- (4) "Taxonomy of *Scytonema* and *Tolyphothrix* together with some new records and new Species from India and Ceylon," (*Revue Algologique*, Paris, Vol. VIII, 1933).

Mr. A. C. Joshi, M.Sc.—

- (1) "Multicarpellary Atocarpous Pistils in *Ponciana regia* Boj," (*Current Science*, Vol. 1, No. 4, October, 1932).
- (2) "Dedoublement of Stamens in *Achyranthes aspera*," (*Journal of the Indian Botanical Society*, Vol. XII, 83-91, 1932).
- (3) "Perennation and Vegetative Reproduction in *Zenxine Sulcata* Lindley" (*Journal of the Indian Botanical Society*, XII, 20-23, 1933).
- (4) "Megaspore Formation and Embryo-Sac of *Argemone mexicana* Linn." (*Journal of the Indian Botanical Society*, XII, 83-91, 1933).
- (5) "Female Gametophytes of *Argemone mexicana* Linn." (*Current Science*, Vol. II, October, 1933).

- (6) "The Inflorescence of *Asteracantha Nelo*" (*Journal of the Bombay Botanical History Society*, Vol. XXXVI, No. 3, 1933).
- (7) "A suggested Explanation of the Prevalence of Vivipary on the sea-shore" (*Journal Ecology*, Vol. XXI, No. 1, February, 1933).
- (8) "Some Abnormal Flowers of *Argemone mexicana* Linn." (*Journal of the Indian Botanical Society*, Vol. XII, No. 3, 1933).

Mr. A. C. Joshi, M.Sc. and Mr. Venkateswarlu, M.Sc.—

“Exceptional Behavior of the Synergids in the Embryosac of Angiosperms” (*Nature*, Vol. 132, No. 3332, September 9, 1932).

### III.—DEPARTMENT OF GEOLOGY.

Prof. K. K. Mathur, B.Sc. (London), A.R.S.M. and Mr. P. R. J. Naidu, M.Sc.—  
“Volcanic Activities of the Coastal tracts of Bombay, Salsette and Bassein” (Published in the *Malaviya Commemoration Volume*).

Dr. Rajnath, M.Sc., Ph.D. (London).—

- (1) “Terminology of some types of folding in Brachiopods” (Published in the *Quarterly Journal of the Geological, and Mining and Metallurgical Society of India*, Vol. III, No. 4, 1932).
- (2) “A Contribution to the Stratigraphy of Cutch” (*Ibid.*, Vol. IV, No. 4, 1932).

Mr. K. P. Rode, M.Sc.—

“Petrified Palms from the Deccan Intertrappeans (*Ibid.*, Vol. V, No. 2, 1933).

BENARES,  
20th December, 1933.

G. P. MEHTA,  
Registrar.

## BOMBAY UNIVERSITY.

### CHANGES IN PERSONNEL.

With the frequent elections that are in progress, the personnel of the University is always in a flux. The changes during the period worth notice are the elections of the new Deans in the Faculties of Arts, Science and Medicine. As the result of the annual election in the month of August last, Prof. V. K. Joag, Professor K. R. Kanitkar and Dr. N. A. Purandare have become the Deans for the current year of the Faculties of Arts, Science and Medicine, respectively.

### VISITORS.

A distinguished scholar who visited this University recently was Pandit Jina Vijaya Muniji of Shantiniketan. He was invited by this University to deliver the Thakkar Vassonji Madhavji Lectures for the current year and the course of lectures attracted a large audience.

The visit of the members of the British Universities Debating Team aroused lively interest in the student world and for the three days they were here, they were pretty busy, notwithstanding the fact that in the official programme arranged for them by the University, the mornings on each of these days were left free. The debate which was held in the Empire Theatre was largely attended and provided a very interesting afternoon. The presence of this team in our midst clearly pointed to one defect in the University organization and that was the absence of a University Students' Union. The want of such an organization made the work of bringing the visitors in touch with real representatives of students very difficult.

### ACADEMIC QUESTIONS.

During the period under review, a substantial advance was recorded in the matter of the establishment of the University Department of Chemical Technology. The Local Government consented to lease to the University the East Wing of the Royal Institute of Science on certain conditions and the ceremony of actual handing over of the Wing took place on the 15th November last. The newly appointed Head of the Department, Dr. R. B. Forster arrived in this country in the last week of October and he is now busy preparing plans and detailed estimates regarding the structural alterations, the mechanical equipment and other furniture and fixtures of the Department. It is proposed to commence the actual working of the Department from June 1934.

Among other important questions the question of the change of the annual examination season from March-April to November-December has been raised and is receiving attention. A committee has been appointed to

go into it and report thereon to the Syndicate. The report of the Committee is awaited.

#### GENERAL.

The University Act of 1928 aimed at widening the basis of elections to the Senate and a variety of interests were given representation. A step in further democratization of that body has now been taken by the Senate and graduates of three years' standing are enfranchised. Formerly, graduates of ten years' standing and Masters had a right to send their representatives to the Senate and the new proposal will considerably widen the electorate of the Registered Graduates Constituency.

*20th December, 1933.*

P. A. WADIA.

## CALCUTTA UNIVERSITY.

I. An Educational Conference was held at the Government House during the closing week of November. The University of Calcutta was represented at the Conference by the Vice-Chancellor, Dr. U. N. Brahmachari, Dr. Bidhanchandra Roy, Mr. C. C. Biswas, Mr. Pramathanath Banerjee and Mr. Syamaprasad Mookerjee. The Conference discussed some of the pressing educational problems of the day. The Government appear to be particularly anxious to re-organize the existing system of Secondary Education and the official representatives are in favour of reducing the number of Secondary Schools in Bengal. The Conference came to the conclusion that a careful survey should be made with a view to explore the causes of the weakness of the present system and to prescribe remedies. The University has long been pressing the necessity of revising the present Matriculation syllabus and of introducing the mother tongue of the candidate as medium of teaching and examination. This proposal is still awaiting Government sanction. It was also decided to refer the following questions to a Committee of eight members consisting of six representatives of the two Universities and two nominees of the Government:—

- (1) Length of Honours Course.
- (2) Possibility of restriction of courses of study at the two Universities more particularly in the Post-Graduate Departments to avoid duplication of work and waste of resources.
- (3) Combination of Law studies with other Post-Graduate studies.
- (4) Comparative failure in recent years of Bengali students in All-India Service Examinations.

We ardently hope that the new scheme of Matriculation Examination will receive prompt attention from the University and the Committee will set to work at an early date.

II. Our grateful thanks are due to Dr. Harendracoomar Mookerjee, University Inspector of Colleges who has recently created an endowment of Rs. 1,00,000 to award scholarships to deserving Bengalee Protestant Christians for training in Applied Commerce, both in India and abroad. It may be noted that this is the second donation that the University has received from Dr. Mookerjee. The munificent donor belongs to the Bengalee middle class and has ungrudgingly given away his life's saving for the benefit of his community. Will the grandees of Bengal fail to emulate the noble example of a poor teacher ?

III. We extend our hearty welcome to the Vice-Chancellor and the Minto Professor of Economics who recently returned from their tour in Europe. The Vice-Chancellor has earned fresh laurels in England, but his

homecoming was overcast with a deep gloom as Lady Suhrawardy passed away during his absence from home. It may be some comfort in his bereavement to learn that thousands in this country condole with him and share his great sorrow.

IV. Professor Sahid Suhrawardy joined his duties after the Puja Vacation. After his appointment to the Bagiswari Chair of Fine Arts he proceeded to Europe for further study and research. He devoted his time most usefully in examining the best specimens of Oriental Art available at the greatest museums of Europe, and we have no doubt that he will maintain the tradition created by the first incumbent of this Chair Dr. Abanindranath Tagore.

V. We congratulate Mr. Ramaprasad Mookerjee on his appointment to the Tagore Professorship of Law. This is one of the highest honours in the gift of the University and we note with pleasure that the same honour was conferred on the new Professor's father Sir Asutosh Mookerjee. Among his predecessors were such illustrious jurists as Sir Rashbeheavy Ghosh and Julius Jolly. We have no doubt that Mr. Mookerjee's lectures will prove as valuable as those of his famous father.

VI. Dr. R. P. Paranjpye has been appointed Kamala Lecturer for the year 1933 and it is quite in the fitness of things that the first Vice-Chancellor of the Indian Women's University should be appointed to the Lectureship founded by an affectionate father to perpetuate the memory of a loving daughter. The subject of Dr. Paranjpye's discourse is "Rationalism in Practice".

VII. Mr. Kumudbandhu Sen is one of the few exponents of the dramatic genius of Girischandra Ghosh. We are glad to announce that he has been appointed Girischandra Ghosh Lecturer in succession to Mr. Hemendra Nath Dasgupta to discourse on "Girischandra— His Mind and Art".

VIII. One of the foremost scientists of India has been appointed Adharchandra Mukherjee Lecturer for 1933. We note with pleasure and pride that Dr. Meghnad Saha, the new lecturer, is a genuine product of this University and began his teaching career as a Lecturer in the Post-Graduate Department of Science. He was appointed to the Ghosh Chair of Physics before he obtained a more lucrative Professorship at Allahabad. He will lecture on "The Ultimate Constituents of Matter".

IX. Mr. G. Montagu Harris has been appointed a special University Reader to deliver a course of lectures on "Comparative Study of Local Self-Government and Regional Planning". Mr. Kshitishchandra Chatterjee, Lecturer in Comparative Philology, has been appointed an Honorary Reader. Well versed in our ancient Sanskrit lores, Mr. Chatterjee proposes

to expound some of the most abstruse and complicated problems of Sanskrit Grammar.

X. The Jagattarini Gold Medal goes this year to Mr. Kedarnath Banerjee. It is an honour coveted by every Bengalee literary man and among its recipients are Rabindranath Tagore and Saratchandra Chatterjee. Mr. Kedarnath Banerjee holds a unique place in Bengali literature and the choice of the University will meet with universal approval.

XI. Among our latest publications, Dr. S. C. Bagchi's *Juristic Personality of Hindu Deities* and Mr. Narendrakrishna Sinha's *Monograph on Ranjit Singh* deserve special mention. Dr. Bagchi is a well-known authority on the subject and his treatment of the subject is quite in keeping with his reputation. Mr. Sinha is still young but his work shows great promise. He was one of the few Bengali students who selected Sikh History as the special subject of their study and Mr. Sinha's performance fully justifies the late Sir Asutosh's decision to provide for teaching in all branches of Indian History at Calcutta.

XII. Mr. Jogeschandra Chakravorti, M.A., Registrar, returned from leave on the 14th August, 1933.

XIII. Rai Bahadur Narendranath Sen, M.A., B.Sc., Controller of Examinations, having been granted leave, Dr. Binodebehari Dutt, M.A., B.L., Ph.D., Assistant Controller of Examinations, has been appointed to officiate as Controller of Examinations of the University in addition to his own duties.

XIV. Mr. Sailendranath Basu, B.A., Audit Officer, having been granted leave, Mr. Nareschandra Chakrabarti, M.A., A.S.A.A. (Lond.), L.A., Incorporated Accountant, has been appointed to carry on the duties of the Audit Officer.

XV. Mr. R. O. Raha, M.A., B.L., Barrister-at-Law, has been appointed University Inspector of Hostels and Messes.

XVI. Scottish Universities Mission College, Kalimpong, was granted affiliation up to the I.A. standard with effect from the commencement of the session 1933-34 in the following subjects :—

English, Nepali, Tibetan, Bengali, Mathematics, History, Logic and Elements of Civics.

XVII. Extension of affiliation in Elements of Civics up to the I.A. standard was granted to Pravatkumar College, Contai, with effect from the session 1933-34.

XVIII. The undermentioned Scholars were admitted to Doctorate Degrees of this University :—

<i>Name.</i>	<i>Subject of Theses.</i>
Mr. Jibankrishna Sarkar, M.A. . .	A New Theory of Perception.
Mr. Satyasadhan Mukhopadhyay, M.Sc. . .	<ol style="list-style-type: none"> <li>1. Morphology and Bionomics.</li> <li>2. Morphology.</li> <li>3. Bionomics.</li> <li>4. Systematic and Morphology (External.)</li> <li>5. Technique.</li> </ol>
Mr. Sukumarchandra Sarkar, M.Sc. . .	Investigations on the Properties of Lines in the Raman Spectra, and five other subsidiary theses.

CALCUTTA,  
11th January, 1934.

J. CHAKRAVORTI,  
*Registrar.*

## DACCA UNIVERSITY.

### TEACHING STAFF.

The teaching staff in the Faculties of Arts and Law remained unchanged during the period under review. Permanent appointments have been offered to Mr. P. B. Junnarkar as Reader and Head of the Department of Commerce and to Mr. S. R. Rallan as Lecturer in Commerce.

Owing to the reversion of Dr. R. G. Basak to the British service Mr. N. K. Bhattachari, Curator, Dacca Museum, who had acted originally as the Secretary of the Manuscript Committee of the University, has been reappointed to that post in an honorary capacity.

Mr. K. S. Krishnan, M.Sc. (Madras), Reader in the Department of Physics, has been granted leave for about two years and Dr. Kedareswar Banerjee, D.Sc., has been appointed Reader in his place.

### ACADEMIC ACTIVITIES.

The degree of Doctor of Philosophy has been conferred on Mr. Nagendra Chandra Chaudhuri for his thesis on "Studies in the Apabhramsa Texts of the Dakarnava", and on Mr. Jogindra Nath Chaudhuri for his thesis on "Malik Ambar".

The following members of the University Staff have been deputed to attend the following All-India Congresses and Conferences :—

*The Indian Science Congress, Bombay.*

- Prof. J. C. Ghosh.
- Prof. S. N. Bose.
- Prof. N. M. Basu.
- Mr. K. C. Mukherjee.

*The Indian Philosophical Congress, Poona.*

- Mr. H. D. Bhattacharyya.

*The Indian Oriental Conference, Baroda.*

- Dr. S. K. De.
- Dr. J. W. Fuck.
- Prof. R. C. Majumdar.
- Mr. Fida Ali Khan.
- Mr. H. D. Bhattacharyya.

*The Indian Economic Conference, Chidambaram.*

- Mr. D. N. Banerjee.
- Mr. S. V. Ayyar.

*The All-India Muslim Educational Conference, Meerut.*

- Dr. S. M. Hussein.

Mr. M. Hasan, M.A. (Cal.), B.A. (Oxon.), Head of the Department of English, attended the Jubilee Celebrations of the Punjab University as a delegate from the Dacca University.

The following papers have been published during the period from 1st July to 31st December 1933 :—

- |                                       |   |
|---------------------------------------|---|
| K. S. Krishnan and B. Mukhopadhyay .. | "Pleochroism and Birefringence in Crystals." ( <i>Nature</i> )  |
| S. R. Khastgir and D. Chaudhury ..    | "The Antenna Effect. A Method for its Elimination." ( <i>Indian Journal of Physics</i> , Vol. VIII, Part III.)    |
| S. M. Mitra .. .. ..                  | "Polarisation of Fluorescence, Part I." ( <i>Indian Journal of Physics</i> , Vol. VIII, Part III.)                |
| B. C. Guha and B. P. Roy ..           | "The Principal Magnetic Susceptibilities of Graphite." ( <i>Indian Journal of Physics</i> , Vol. VIII, Part III.) |

A paper on the "Oxidation Reduction Potential of Sulphidial Bodies" which has already received considerable attention from Bio-Chemists has been published by Prof. J. C. Ghosh and his co-workers. The experiments of Prof. Ghosh have been repeated by Green in the laboratory of Sir Gowland Hopkins at Cambridge and confirmed.

#### CHANGE IN THE ORDINANCES.

The most important change in the Ordinances and Regulations during this term is the abolition of all restrictions about combination of subjects for the B.A. Pass degree, provided that no two Oriental subjects are offered together. A revised edition of the Ordinances and Regulations has been printed incorporating the new changes made up to the end of last session.

The time limit for the ordinary degree of Bachelor of Science has been abolished in the University.

#### GENERAL.

The following officers of the University attended the Educational Conference convened by the Government of Bengal at Calcutta to consider the future plan of education in Bengal :—

1. The Vice-Chancellor.
2. The Dean of the Faculty of Arts.
3. The Provosts of Dacca Hall.
4. The Provost of Jagannath Hall.
5. The Provost of Muslim Hall.

Matters affecting the co-ordination of studies in the two Universities have been referred to a Committee consisting of the representatives of the two Universities of Bengal and of the Government.

At the invitation of the University a British University Debating Team consisting of three young graduates organized by the National Union of students of the Universities and University Colleges of England and Wales, visited the University of Dacca and a debate was held in the Curzon Hall on the 28th October 1933. The subject of the debate was "That the world owes more to Poets than to Politicians". Two representatives of the British Team with one Dacca representative spoke for the motion and one representative of the British Team with two Dacca representatives spoke against the motion. The visit was welcome to the students and staff of the University. The young Britishers and our students were mutually eager to know and appreciate the hopes, ideals and aspirations of one another. The British Team created a favourable impression by their debate.

RAMNA, DACCA,  
20th December, 1933.

N. AHMAD,  
*Registrar.*

## DELHI UNIVERSITY.

*New University Buildings.*—The question of the permanent location of the University and its colleges in the old Viceregal Lodge Estate was finally decided by the Government of India last September. The Central portion of the Estate containing the main building of the Viceregal Lodge, the Prince's Pavilion and other buildings, covering an area of about 71 acres, and another area of about 16 acres were handed over to the University in October last. The University offices and the library have been accommodated in the main building. Residential accommodation also has been provided for the Registrar and the Librarian in the Central Area. The question of providing residential accommodation for the University teachers and others will be considered later.

The second area of about 16 acres is intended eventually for the location of the University Law Hall and Hostel and the residence of the Warden and Law lecturers. But the Law Hall and Hostel continue at present to be located in certain buildings on the southern side of the old Viceregal Lodge, and they will be removed to their permanent site after adequate additions and alterations to the buildings on that area have been carried out.

The University Physics and Chemistry laboratories have not yet been removed to the new buildings, as their transfer during term time from their present location was likely to dislocate the teaching work. Further the two buildings in the Central area which are available for the laboratories, will require considerable additions and alterations before they could be made suitable for the purpose of the laboratories.

Sites for buildings for the various constituent colleges, as also for playgrounds and recreation for the University and the colleges, have also been reserved in the Estate.

*Personnel of Officers.*—The Hon'ble Mian Sir Fazl-i-Hussain, K.C.S.I., K.C.I.E., Kt., Education Member of the Viceroy's Executive Council, has been reappointed Pro-Chancellor by His Excellency the Chancellor for a further term of three years.

Professor H. L. Chablani, M.A., was re-elected Dean of the Faculty of Arts for a further period of three years from November 1933.

*Sir Kikabhai Premchand Readership Lectures in Economics for 1934.*—Mr. K. T. Shah, B.A., B.Sc. (Hons.), Barrister-at-Law of Bombay, has been invited to deliver the Sir Kikabhai Premchand Readership Lectures for 1934. The subject of his lectures will be "The Economic Consequences of Price Changes since the War", and the lectures will be delivered early in March next.

*Publications.*—“The Mystery of the Mahabharata,” Vol. II, by Professor N. V. Thadani.

“Economic Outlook in Federal India” containing the lectures delivered by Professor C. N. Vakil will shortly be published by the University.

*University Training Corps.*—The strength of the Corps on 30th September 1933 was 5 officers, 6 under-officers and 325 other ranks. The annual camp commenced on 29th September. Five officers, 4 under-officers and 210 other ranks reported in camp. This attendance is considered very satisfactory and indeed constitutes a Battalion record. The camp period was very successful. All ranks showed the greatest keenness and did their best to benefit by the 15 days' training. The Battalion was inspected by Brigadier A. L. M. Molesworth, Commanding Delhi Independent Brigade Area, on the 14th October. He was very pleased with the training carried out and the fine camp attendance.

The Adjutant reports that the spirit of the unit is remarkably good.

*Colleges. New Appointments.*—

1. Dr. H. L. Pasricha, M.A. (California, U.S.A.), Ph.D. (London) (Ramja's College). Professor of Economics.
2. Mr. M. H. Vasvani, M.A. (Bombay) (Ramja's College). Lecturer in Economics and History.
3. Mr. Gian Chand, M.A. (Ramja's College). Lecturer in Mathematics.
4. Mr. Asa Ram, M.A. (Ramja's College). Lecturer in Persian.
5. Mr. K. D. Gupta, B.Com. (Edin.) (Commercial College).

DELHI,  
22nd December, 1933.

N. K. SEN,  
*Registrar.*

## LUCKNOW UNIVERSITY.

*Admissions.*—The University reopened on the 1st August 1933, after the long vacation. The number of admissions during the current session is given in the table below:—

		1933-34	1932-33
1st Year B.A. (Pass and Honours)	..	200	179
M.A. Part I	.. ..	113	68
1st Year B.Sc. (Pass and Honours)	..	99	86
M.Sc. Part I	.. ..	54	34
LL.B. Previous	.. ..	251	179
B.Com. Previous	.. ..	28	17
First M.B., B.S.	.. ..	48	45

It will be noticed that in every class there has been an increase in admission. The increase is highest in the LL.B. Previous class. At the same time it is gratifying to note that the increase in the post-graduate classes in the Faculties of Arts and Science is marked, which goes to show that the University is really serving the purpose of advanced work for which it is mainly intended.

*Quinquennial Report.*—The second quinquennial report of research work done during 1928-32 was issued in October, 1933. A perusal of the report will make it amply clear that research work stands on a high level in this University.

*Extension Lectures.*—The following Extension Lectures were delivered during the period under report:—

DATE.	NAME OF LECTURER.	SUBJECT OF LECTURE.
16th September, 1933	.. Dr. Birbal Sahni	"Fossil Hunting in the Rajmahal Hills, Bihar."
18th September, 1933	.. Mr. S. N. Ray	"The thing called Entropy."
27th November, 1933	.. Dr. Shailesh Mathews	"American Ideals."

In addition to the above extension lectures, the Extra-mural Instruction Committee has arranged for a series of Lectures, and the following lectures have been delivered:—

DATE.	NAME OF LECTURER.	SUBJECT OF LECTURE.
9th October, 1933	.. Dr. Wahid Mohammad	"The Origin of Universe and our place in it" (Illustrated by lantern slides).
10th October, 1933	.. Dr. E. Asirvatham.	"The State and Social Amelioration."
11th October, 1933	.. Mr. Kali Prasad	"Measurement of Intelligence."
13th October, 1933	.. Dr. H. G. D. Mathur.	"Disease."

DATE.	NAME OF LECTURER.	SUBJECT OF LECTURE.
31st October, 1933	.. Mr. A. L. Loomba.	"Village Panchayats in the U.P."
1st November, 1933	.. Dr. N. N. Sen Gupta.	"Mental Hygienes."
3rd November, 1933	.. Dr. H. G. D. Mathur.	"The Rôle of Bacteria in the Production of Disease."
6th November, 1933	.. Dr. Wali Mohammad.	"The Science of Life and the Human Body" (Film Show).
8th November, 1933	.. Dr. N. N. Sen Gupta.	"Psychic Heredity."
10th November, 1933	.. Dr. H. G. D. Mathur.	"Bacteria - Harmful and Beneficial."
13th November, 1933	.. Dr. Wali Mohammad.	"Human Physiology" (Film Show).
14th November, 1933	.. Dr. B. M. Sharma.	"India and the Federation."
15th November, 1933	.. Dr. N. N. Sen Gupta.	"Crowd Psychology."
17th November, 1933	.. Dr. H. G. D. Mathur.	"Medical Science, Parasites, Lost and Regained."
20th November, 1933	.. Dr. S. N. Mathur.	"Common Sense Eating and Drinking."
21st November, 1933	.. Mr. V. K. Nandan Menon.	"The Civil Service in a Modern State."
22nd November, 1933	.. Dr. N. N. Sen Gupta.	"Crowd Psychology."
24th November, 1933	.. Dr. H. G. D. Mathur.	"Malaria and Its Prevention" (Cinema Show).
1st December, 1933	.. Dr. Shanti Prakash Gupta.	"Tuberculosis and Plague" (Film Show).

The above lectures arranged by the Extra-mural Instruction Committee are intended for the benefit of persons of fair education, who can understand English, but whom circumstances have prevented from benefiting by a regular University instruction. The lectures delivered come under the following groups: (1) General Science; (2) Social Science; (3) Medical Science; and (4) Civics, Politics and Literature. In addition, two other types of extra-mural lectures, which will be of a more elementary and popular character will be delivered. These lectures will be in the vernacular and arranged for the city working men. Besides the above, a third group of lectures will be delivered for the benefit of cultivators in some villages adjacent to Lucknow, and the subjects treated will be of intimate interest to life and welfare of the peasantry.

*Changes in Personnel.* During the period under report, there has been a change in the personnel of the Deans of Faculties of the Arts and Science. Prof. N. K. Sidhanta has been elected Dean of the Faculty of Arts, in place of Prof. S. B. Smith, and Dr. Birbal Sahni has been elected Dean of the Faculty of Science in place of Dr. Wali Mohammad. Dr. H. L. Dey, who was Lecturer in Economics from the foundation of the University, has

left for Dacca having been appointed Reader in Economics in the Dacca University. His place has been taken up by Mr. Sitla Prasad Saksena, M.A. (Lucknow).

Mr. S. N. Mathur, M.B.B.S. (Lucknow), M.S., M.R.C.S., L.R.C.P., F.R.C.S., has been appointed Reader in Surgery in place of Dr. K. S. Nigam, formerly Reader in Surgery, who was appointed to the post of Professor of Surgery.

A new post of Lecturer in Political Science has been created and Dr. B. M. Sharma, a Ph.D. of this University, has been appointed to the post.

Another new post of Demonstrator in Chemistry has been created, and Dr. S. N. Shukla, M.Sc., Ph.D., another *alumnus* of the University, has been appointed to the post.

Dr. P. C. Kacker, Lecturer in Surgery, has reverted to Government service, and Dr. Triveni Prasad, M.B.B.S. (Lucknow), F.R.C.S., D.L.O., has been appointed Lecturer.

Mr. Dhurjati Prasad Mukerji, Lecturer in Economics, has been on leave during the period of the report, and Mr. Anadi Nath Banerji, M.A. (Lucknow), has been appointed to officiate as Lecturer.

Lt.-Col. H. C. Buckley has ceased to be part-time Professor of Obstetrics and Gynaecology, consequent on his appointment as Inspector-General of Civil Hospitals, and Lt.-Col. C. H. Reinhold, Civil Surgeon of Lucknow, has been appointed Professor.

Mr. Om Prasad Gupta, Lecturer in Economics in the Faculty of Commerce, has gone on leave from the 9th October 1933 till the end of the session, and in his place, Mr. Trilok Narain, B.Com., M.A. (Lucknow), and Mr. A. L. Loombax, M.A. (Lucknow), have been appointed.

Mr. D. N. Majumdar, Lecturer in Economics, has gone on study leave from the beginning of the current session, and in his place Mr. Hari Dev, M.A. (Lucknow), has been appointed.

Pandit Badri Nath Bhatt, Lecturer in Hindi, has been granted leave for the current session, and Mr. Din Dayal Gupta, M.A., has been appointed to officiate as Lecturer.

A new post of Lecturer in German has been created, and Dr. (Miss) D. Speer has been appointed Lecturer.

Dr. A. C. Chatterji, Lecturer in Chemistry, who was on study leave, rejoined duty in the beginning of the current session.

Mr. Sasadhar Banerji, Lecturer in Mathematics, who was on leave from the 14th December 1932, returned to duty from the beginning of the current session.

Dr. Lakshmi Narayan, Reader in Mathematics, has been on leave from the 9th October 1933, and in his place Mr. Raj Chandra Srivastava, M.Sc. (Lucknow), has been appointed as temporary Lecturer.

Rai Bahadur Captain J. G. Mukerji, who was on leave, during the latter part of the last session, returned to duty in the beginning of the current session.

Mr. R. R. Khanna, Registrar, was on leave for two months, and during his absence Mr. Inayat Ullah Butt, Assistant Registrar, was appointed to officiate as Registrar, the Assistant Registrarship having been filled up by the appointment of Mr. V. T. Gopalakrishniah, Personal Assistant to the Vice-Chancellor.

Government have sanctioned the special appointment of Mr. K. N. Kaul as research assistant to Dr. B. Sahni to help him in his well-known researches in Fossil Botany. The appointment is for the present till the end of this Financial year but it is expected to be continued in future.

*Matters of General Interest.*— The twelfth annual Convocation of the University was held on the 9th December, 1933. His Excellency the Chancellor presided. The Convocation Address was delivered by Sir P. S. Sivaswami Aiyer, K.C.S.I., C.I.E., LL.D., and it was listened to with rapt attention.

The number of those who were admitted to Degrees or Diplomas is 815, distributed as follows :—

Ph.D.	..	..	..	..	2
M.D.	..	..	..	..	2
M.S.	..	..	..	..	1
M.A.	..	..	..	..	106
M.Sc.	..	..	..	..	97
B.A. (Honours)	..	..	..	..	18
B.Sc. (Honours)	..	..	..	..	4
B.A. (Pass)	..	..	..	..	168
B.Sc. (Pass)	..	..	..	..	62
M.B.B.S.	..	..	..	..	47
D.P.H.	..	..	..	..	2
B.Com.	..	..	..	..	21
LL.B.	..	..	..	..	221
Diploma in Teaching	..	..	..	..	10
Dabir-i-Kamil	..	..	..	..	11
Fazil	..	..	..	..	19
Alim	..	..	..	..	5
Dabir-i-Mahir	..	..	..	..	4
Acharya	..	..	..	..	4
Shastri	..	..	..	..	11

The University Training Corps held its annual training camp in Lucknow between the 1st and the 15th November 1933 and the 'B' company of this University participated in it.

The University considered the question of instituting a Diploma in Dental Surgery. A scheme was prepared by the Faculty of Medicine, and has met with the general approval of the Academic and the Executive Councils. It was submitted to Government for the provision of funds. It was proposed to have (i) a two years' course for medical graduates, and (ii) a four years' course for under-graduate medical students. Government have, however, expressed their inability to finance the scheme in the near future.

A need has for some time been felt for a Women's Hostel under the University. The matter has been taken into consideration, and Government has been approached to provide the non-recurring and recurring expenditure and also some other necessary facilities in order to initiate the proposal.

Up till now, the University has been granting freeships in the Faculty of Law to the extent of 3 per cent of the enrolment in the Faculty. But it was felt that this was not quite adequate, particularly as in other Faculties the percentage is 5 per cent. The Executive Council has now decided that freeships in the Faculty of Law should also be 5 per cent of the enrolment.

As a measure of economy, the University recently had to retrench the allotment for "Educational Tours to students". But it was realized that this was not a cut in the right direction. The Executive Council have, therefore, restored a grant of Rs. 1,000 for this purpose during the current year.

The annual recurring grant for the Library has all along been considered inadequate, and recently it was noticed that several departments of teaching had actually to be starved for want of books and periodicals. The Executive Council have therefore increased the allotment by Rs. 6,000 thus bringing the total allotment for books and journals to Rs. 17,000.

The University received a communication from the Government suggesting that the University might consider the possibility of curtailing the University vacations and holidays. This question was carefully examined by the Academic and the Executive Councils in all its bearings, and Government has been informed that no curtailment, either in the vacations or in the holidays, is possible.

The Vice-Chancellor and the Deans of the Faculties of Arts and Science have been appointed as delegates to the Quinquennial Universities Conference to be held at Delhi on the 6th, 7th and 8th March, 1934.

The Vice-Chancellor represented the University at the Jubilee celebrations of the Punjab University, held on the 4th, 5th and 6th December, 1933.

Rai Bahadur Dr. B. N. Vyas, Reader in Pharmacology, has been elected as representative of the University on the Indian Medical Council, which has been constituted under the recent Indian Medical Council Act.

The British Universities Debating Team, consisting of three representatives from British Universities, visited this University between the 6th and the 8th November, 1933. On the 7th November, a debate was held under the auspices of the University Union, in which three students of this University also took part. The subject of the debate was "Humanity has much to lose, and less to hope for from Science". After a keen and interesting debate, the motion was put to the vote and declared lost.

*Financial Position.* The financial position of the University is seriously agitating the responsible authorities. The following is a brief summary from the proceedings of the Finance Committee of the University.

The Registrar explained that from the budget estimates of 1933-34 it was apparent that the normal recurring income of the University, including the Government grant (as available in 1932-33) was Rs. 12,72,000 and the normal recurring expenditure was Rs. 14,02,000. After deducting a sum of Rs. 21,000 from the above for possible under-estimation of income and possible over-budgetting in some places, it still left the University with a shortage of Rs. 1,09,000 annually. Intimation had been received that Government had restored a sum of Rs. 31,000 out of the emergency cut of Rs. 62,000. Further, the income from tuition fees had increased this year by Rs. 13,000 owing to increased enrolment. Taking both these sources also into account, the University was still left with a recurring deficit of Rs. 65,000 annually.

"It was therefore estimated that unless the block grant sanctioned by Government for the period 1925-30 was revised, the University will be running short by Rs. 65,000 per annum. It was explained that a substantial part of this deficit was due to the natural increments in salaries of staff between 1927 (the level year of the last block grant) and the year 1933."

The prospect is gloomy, and unless Government comes to the rescue of the University, its activities will have to be curtailed and its usefulness will be very much impaired.

R. R. KHANNA,  
Registrar,  
*University of Lucknow.*

## MADRAS UNIVERSITY.

## REGULATIONS, COURSES OF STUDIES AND EXAMINATIONS.

The B.Sc. Honours Degree Examination Regulations were revised. Minor alterations in the Regulations governing the several examinations were also made. The Revision of the Regulations governing all the examinations with a view to ensure uniformity in arrangement, is under consideration.

It has been resolved to institute a Degree in Veterinary Science in the University.

The question of the recognition of the examinations of other Universities has been a subject of discussion. The Syndicate after considering all correspondence on the matter has resolved that :

1. The Entrance Examination of any Indian University be accepted as equivalent to the Matriculation Examination of the Madras University ; and
2. Except in the case of admission to Professional courses of study (where the Syndicate may dispense with a strict compliance with the conditions) applicants from other Universities must have obtained a first or second class or 45 per cent of the total marks in their examinations for admission to courses of study in this University.

## CONVOCATIONS.

There were two Convocations held during the half-year. The first Convocation held on the 3rd August 1933 had two sessions, one in the morning mainly for the graduates who took a second Degree and the other in the evening for the persons who took their first Degrees, and Doctorate Degrees and all other Degree-holders who were recipients of prizes and medals. The other Convocation was held on the 7th December 1933. His Excellency the Chancellor presided over the afternoon session of the first Convocation held on the 3rd August 1933 and the Vice-Chancellor presided over the other two Convocations.

The Rev. P. Carty, S.J., B.Sc., D.D., delivered the address to the Graduates of the year at the Convocation held in the afternoon of the 3rd August. There were no addresses read at the other Convocations.

The total number of persons that took the several Degrees, Diplomas and Certificates at the Convocations was 2,448.

The following persons were declared qualified for the higher Degrees in Research noted below :—

## DOCTOR OF SCIENCE.

## SUBJECT OF THESIS.

- Mr. A. Subba Rao, M.A., M.Sc. . . "Investigations on the Spectra of Arsenic and Bromine."
- Mr. K. S. Krishnan, M.Sc., Hon. Secretary, Indian Association for the Cultivation of Science, and Professor, University of Calcutta.
- Mr. S. Kalyanaraman, M.A., L.T., Asst. Professor of Physics, Presidency College, Madras. "An Acoustic Survey of some Auditoria in Madras."

## DOCTOR OF PHILOSOPHY.

- Mr. T. R. Chintamani, M.A., Senior Lecturer in Sanskrit, Department of Sanskrit, University of Madras. "A History of Purva Mimamsa Literature."

## MASTER OF ORIENTAL LEARNING.

- Mr. A. M. Satakoparamanujachari, Vidwan, Tamil Pandit, Government College, Kumbakonam. "A History of Early Cera Kings from Tamil Sangam Works."

## TEACHERS AND RESEARCH DEPARTMENTS OF THE UNIVERSITY.

Dr. M. O. Parthasarathi Ayyangar, Professor of Botany in the Presidency College, Madras, has been appointed Professor of Botany in the University and Director of the Botany Research Laboratory. The Director's post was hitherto held honorarily by Dr. T. Ekambaram, Lecturer in Natural Science in the Teachers' College, Saidapet.

The Government asked for the loan of the services of Dr. P. J. Thomas, University Professor of Indian Economics, to serve on the Expert Committee appointed to work on the Economic Survey of India and the University has agreed to lend his services. He is expected to go on the deputation this month or early next month.

## LECTURES.

The following courses of special lectures were delivered during the period :—

- |   |   |
|---|---|
| Dr. Arnold A. Baker . . . . .                   | 3 Lectures on "Indian Music and Western Music."   |
| Samasthana Vidwan R. Raghava Ayyangar . . . . . | 6 Lectures on "Tamil Culture with special reference to Tolkappiyam, Kural and the Sangam Literature." |

The following lectures were delivered by the Teachers and Honorary Readers of the University :—

LECTURER.	NUMBER OF LECTURES.	SUBJECT OF LECTURE.
Dr. P. J. Thomas, Professor of Indian Economics ..	6	"Planned Economy for India" (4 lectures have been delivered.)
Mr. K. A. Nilakanta Sastri, Professor of Indian History and Archaeology.	6	"Early Hindu Javanese History and Art" (2 lectures delivered.)
Mr. V. R. Ramachandra Dikshitar, Lecturer in Indian History.	2	"The Matsya Purana."
Dr. C. Kunhan Raja, Reader in Sanskrit .. ..	6	"The Conception of Heaven, and Final Release and the Paths thereto in the Vedic Literature" (2 lectures delivered.)
Dr. R. Vaideyanathaswami, Reader in Mathematics ..	6	"The Continuum Point and the Wave-Corpuscle."
Mr. S. S. Suryanarayana Sastri, Reader in Indian Philosophy.	6	"Saiva Siddhanta."
Mr. R. Gopala Ayyar, Director, Zoology Research Laboratory.	6	1. Modern Zoology and Human Progress. 2. A few Marine Biological Problems. 3. Cytoplasmic Inclusions.
Dr. M. Damodaran, Director, Biochemistry Research Laboratory.	6	"The Chemical Constitution of the Proteins."

*Honorary Readership Lectures.*

Mr. V. K. Ayyappan Pillai, M.A., Professor of English, Presidency College, Madras.	4	"Some Aspects of Old English Religious Poetry"
Mr. J. P. Manikkam, M.A., Professor of Physics, Madras Christian College, Madras.	4	"Studies in Statistical Theories."
Mr. P. Sambamurti, B.A., B.L., Lecturer in Indian Music, Queen Mary's College, Madras.	4	"South Indian Music of the Post Tyagaraja Period"
Mr. George Kurian, B.A., B.L., B.Sc. (Lond.), Lecturer in Geography, University of Madras.	4	"Advanced Map Projections."

Mr. K. M. Panikker, B.A. (Oxon.), Bar-at-Law, who was appointed Lecturer under the Sundaram Ayyar-Krishnaswami Ayyar Foundation, delivered a course of six lectures on "Inter-State Law- the Law affecting the relations of the Indian States with the British Crown".

Mr. V. Rangacharya, M.A., Professor of Indian History in the Presidency College, Madras, who was appointed Lecturer under the Sir S. Subrahmanya Ayyar Foundation, delivered a course of two lectures early in December, on "The Economic Life, Ideas and Reconstructions in Vedic Times".

**PUBLICATIONS.**

The following works were published during the half-year :—

*Indian History Department.—*

1. "Some Aspects of Vayu Purana," by Mr. V. R. Ramachandra Dikshitar, Lecturer in Indian History.

2. "Modi Manuscripts of Tanjore," by Mr. R. S. Shelvanker, Research Student, Department of Indian History.

*Department of Tamil.—*

1. "The Chronology of the Early Tamils," by Mr. K. N. Sivaraja Pillai, Lecturer in Tamil.

2. "Paranar," by Mr. Venkatarajulu Reddiyar, Lecturer in Tamil.

*Kanarese Department.—*

1. "Abhidana Vastukosha."

2. "Pushpadanta Purana."

*Malayalam Department.—*

"Subhadraharanam (Pana)," edited by Mr. C. Achyuta Menon, Senior Lecturer in Malayalam.

*Sanskrit Department.—*

Unadi Sutras, Parts I and II.

Diwan Bahadur A. Ramaswami Mudaliyar Lectures on " Indian Federation " delivered under the Sir S. Subrahmanya Ayyar Foundation were also published by the University.

It has been resolved to issue a separate number of the *University Journal* containing articles in the Indian Vernaculars.

**ENDOWMENTS.**

The following Endowments were accepted by the Syndicate during the year :—

- (1) *The Hemingway Memorial Scholarship*, from the Secretary of the Hemingway Memorial Committee, Madras, for the award of a scholarship in the name of Mr. F. R. Hemingway, I.C.S., formerly Registrar of Co-operative Societies, Madras, to a candidate who pursues the B.A. Degree course taking Group IV-B, Economics.
- (2) *The Bardswell Law Scholarship*, to a Graduate who is a native of Madura or Ramnad District pursuing the Law course for the B.L. in a college.
- (3) *Dr. A. C. Asirvada Nadar Memorial Prize*, to the student who qualifies in the Final M.B., B.S. Degree at the first appearance for the whole examination (Part II) and gets the highest number of marks in Gynaecology and Obstetrics.
- (4) *Mr. G. A. Natesan Prize*, for proficiency in Music either in B.A. or in the Diploma in Music.

The Ramarayaningar Prize for encouragement of Telugu Publication was awarded to Mr. D. Lakshminarasimhan, M.A., L.T., for his essay in Telugu on "Rural Economics of India with special reference to South India".

The Sir William Wedderburn Prize for research in Chemistry was awarded to Mr. S. V. Ganapati, B.A., M.Sc.

The Gokhale Prize for original research in Economics was awarded to Mr. G. Gopal Rao, M.A.

#### CONFERENCES AND CONGRESSES.

The Syndicate has appointed the following persons to represent the University as delegates for the several Conferences and Congresses :—

Diwan Bahadur Sir K. Ramunni Menon,				
Kt.	..	..	..	.. } The Third Quinquennial
Mr. W. Erlam Smith ..	..	..	..	Indian Universities Conference to be held at Delhi.
Rao Bahadur Dr. A. Lakshmanaswami Mudaliyar ..	..	..	..	.. } All-India Oriental Conference to be held at Baroda.
Dr. C. Kunhan Raja ..	..	..	..	.. } All-India Philosophical Congress.
Mr. K. A. Nilakanta Sastri ..	..	..	..	.. } All-India Economic Conference to be held at Annamalainagar.
Mr. S. S. Suryanarayana Sastri ..	..	..	..	.. } All-India Library Conference held at Calcutta.
Mr. S. Anavaratavinayakam Pillai ..	..	..	..	.. } The Tamil Lovers' Conference.
Mr. K. N. Sivaraja Pillai ..	..	..	..	.. }
Mr. V. Venkatarajulu Reddiyar ..	..	..	..	.. } Kerala Sahitya Parishat held at Calicut.
Mr. C. Achyuta Menon ..	..	..	..	.. } The Karnataka Sahitya Parishat.
Mr. A. Venkata Rao ..	..	..	..	.. }
Mr. H. Sesha Ayyangar ..	..	..	..	.. }

## MYSORE UNIVERSITY.

### PERSONNEL.

Dr. E. P. Metcalfe, D.Sc. (Lond.), F.Inst.P., Vice-Chancellor and the following Professors who were on leave at the time of the last report returned from leave :—

1. Mr. A. B. Mackintosh, Professor of English.
2. Mr. A. R. Wadia, Professor of Philosophy.
3. Mr. B. K. Narayana Rao, Principal, Medical School.

Mr. E. G. McAlpine who was on Foreign Service reverted to Mysore Service and proceeded on leave.

Mr. P. Krishna Rao, B.Sc., M.B.B.S., D.T.M. & H., has been appointed Professor of Pathology, Medical College, *vice* Mr. B. G. Sambasivan deceased.

Mr. S. Hiriyanniah, B.A., M.B.B.S., has been appointed to act as Assistant Professor in charge of the Department of Physiology, Medical College, *vice* Dr. A. Subba Rao, who has proceeded to England as Carnegie Scholar.

The Senate, the University Council, the Academic Council and the several Faculties were reconstituted.

### COURSES OF STUDIES, ETC.

A Pre-Medical Course of six months' duration comprising the subjects of Physics, Chemistry, Medicine, Botany and Zoology has been instituted preliminary to admission to the Medical College. The minimum qualification for admission to the course is a pass in the I.Sc. Examination with an optional group comprising at least two of the above subjects. The course will start in July 1934.

The Faculty of Engineering has proposed that provision should be made for passed B.E. candidates of the Mechanical or Electrical Engineering branch taking a supplementary course in Electrical or Mechanical Engineering respectively before taking the B.E. Degree. This supersedes a previous proposal to combine the Mechanical and the Electrical branches.

The course of study for the B.T. Degree has been revised so that Educational Psychology and Mental and Educational Measurements may be included in one paper.

The Scheme for the Final Examination for the Honours Degree in Arts has been revised so as to comprise a single group of a major subject of study instead of a major and a subsidiary group.

Economics has been instituted as an optional subject in the Intermediate Course from July 1933.

### IMPORTANT EDUCATIONAL QUESTIONS.

With the codification of the Laws of the University into Statutes, Ordinances, Rules of Business, etc., now before the Senate, the new Regulation will come into complete working order.

The proposal to open a separate department of Hygiene has been kept in abeyance.

The question of improving qualification for admission to the Intermediate Courses is under correspondence with the Board for the award of S.S.L.C. which at present secures admission to the University.

#### LECTURES.

*A.* The Sri Krishnarajendra Silver Jubilee Lecture was delivered by Sir M. O. Forster on "History of Science as related to Civilization".

*B.* Under the Extension Lectures Scheme a University Extension Week was held in Doddaballapur in September 1933.

The following lectures also were delivered :

*Indian Federation:* Up to the White Paper by Mr. S. Satyamurthi, B.A., B.L., at Mysore and Bangalore.

*Movements in Kannada Literature:* Past and Present (in Kannada) by Mr. B. M. Srikantia, M.A., B.L., at Bangalore and Kolar.

*C.* The following special lectures were arranged under the auspices of the University :—

1. "International Friendship," by Rev. F. W. Norwood, D.D., at Mysore.
  2. (i) "The Ethics and Philosophy of the Ancient Persians as depicted in the Avesta" .. . . . .  
 (ii) The Sacred Thread among the Hindus and the Iranians .. . . . .  
 (iii) The Cult of Mithra .. . . . .
- By Professor Poure Davoud of Persia, at Mysore.

#### UNIVERSITY EXAMINATIONS, 1933.

The following were the results of the University Examinations held in 1933 :—

The Master's Degree examination under the reorganized scheme was held for the first time in July 1933. Forty-one candidates appeared for the examination—11 in Arts and 30 in Science ; of these 29 candidates offered theses in lieu of two papers. Thirty-nine candidates were successful in the examination.

The following are the results of the Second L.M.P. Examination held in October 1933 :—

Examination.	Number Examined.	Number passed.		Total.	Percentage.
		1st class.	2nd class.		
First L.M.P.	..	16	..	11	68.75
Second L.M.P.	..	27	..	16	59.26
Third L.M.P.	..	23	..	11	47.82
Final L.M.P.	..	20	..	11	55.00

### IMPORTANT PUBLICATIONS, RESEARCHES, ETC., OF THE UNIVERSITY.

The Kannada Publication Committee has reviewed and accepted the following monographs in Kannada, which are being edited for the Press :—

- (1) Finance.
- (2) Outlines of Islamic Culture.
- (3) Sri Ramakrishna Paramahansa.
- (4) Translation of Church's Trial and Death of Socrates.
- (5) Hygiene and Sanitation.
- (6) Abridgment of Prabhulingalile.

### ENDOWMENTS.

An endowment for the award of a prize in the Medical School in the name of Rajakaryapravina Rao Bahadur Dr. T. V. Arumugam Mudaliar was accepted during the period under report.

### GENERAL.

- (i) The 16th Convocation of the University to confer degrees was held on the 14th October 1933, when His Highness the Pro-Chancellor presided. Rao Bahadur Mr. S. E. Ranganathan, M.A., I.E.S., Vice-Chancellor of the Annamalai University, addressed the graduates of the year.
- (ii) Rao Bahadur Professor B. Venkatesachar was elected a Fellow of the Institute of Physics, London. He was invited by the Annamalai University to deliver special lectures in Physics.
- (iii) Two of the members of the University Staff who went abroad at their own expense have obtained Doctorate Degrees, viz. :—
  1. Mr. B. Tirumalachar, M.Sc., Asstt.  
Professor of Zoology, Intermediate College, Mysore .. .. Ph.D. Degree, London.
  2. Mr. A. Nagaraja Rao, M.Sc., Lecturer in Chemistry, Central College, Bangalore .. .. D.Sc. Tech., Berlin.
- (iv) Mr. V. Nanjappa, an Honours Graduate in Physics of the Central College, was successful at the I.C.S. Examination held in London.

MYSORE,  
22nd December, 1933.

V. GOPALASWAMI AIENGAR,  
Registrar, University of Mysore.

## NAGPUR UNIVERSITY.

### 1. EXTENSION LECTURES.

The following is the number of University Extension Lectures arranged for the academic year 1933-34 :—

<i>(a)</i> At Nagpur .. .. ..	11
<i>(b)</i> In the mofussil .. .. ..	2

At its meeting held on 1st December, 1933, the University Court passed a resolution recommending to the Executive Council the suspension of the Extension Lectures until a scheme for broadcasting the lectures had been adopted by the University.

### 2. PROPOSALS UNDER THE CONSIDERATION OF THE UNIVERSITY.

(1) The University has exempted all candidates for examinations belonging to the Depressed and Aboriginal Classes, from payment of examination fees during the period 1934-40.

(2) German has now been added as an optional subject for the Intermediate and B.A. Examinations.

(3) The Executive Council has appointed a Committee to consider the methods of providing physical instruction for the students of Colleges connected with the University.

(4) The Academic Council has appointed a Committee to consider how far it is practicable for the University to provide instruction for examinations in an Oriental Faculty.

(5) The Faculty of Law has recommended to the Academic Council that the LL.M. Examination should be split into two parts, *viz.*, the Previous and the Final, as in the case of the LL.B. Examination.

### 3. COLLEGES.

(1) The University has decided, subject to the sanction of the Local Government, to affiliate the Hitkarini Sabha City College, Jubbulpore, up to B.A. Standard ; and the Hitkarini Sabha Law College, Jubbulpore, up to LL.B. Standard (in Law only).

(2) Mr. S. G. Taqi, Assistant Professor of Persian, Robertson College, Jubbulpore, has been transferred to Morris College, Nagpur, and Mr. Quazi Sayyad Iqbal Husain, Assistant Professor of Persian, Morris College, Nagpur, has been transferred to Jubbulpore.

### 4. DONATIONS.

(1) The University has accepted a donation of Rs. 1,000 from Mr. B. R. Chandorkar, Chhindwara, for the creation of an endowment for the award of a gold medal to the student standing first in Physics at the B.Sc. (Hons.) Examination.

(2) The University has accepted a donation of Rs. 5,000 (in Government Securities) from Dr. A. S. Paranjape, Bombay, for the creation of an endowment for the delivery of biennial lectures in Marathi on an approved subject.

#### 5. CONVOCATION.

The tenth Convocation of the University was held on Saturday, the 2nd December, 1933, when His Excellency Sir Hyde Clarendon Gowen, B.A. (Oxon.), K.C.S.I., C.I.E., V.D., I.C.S., Chancellor, presided and Dr. Sir C. V. Raman, Kt., M.A., Ph.D., D.Sc., LL.D., F.R.S., N.L., addressed the Convocation.

Rai Bahadur Hiralal, B.A., was admitted to the Honorary Degree of Doctor of Letters in recognition of his research and scholarship in Oriental Learning and Archaeology.

#### 6. ELECTIONS AND APPOINTMENTS.

(1) Mr. M. B. Niyogi, M.A., LL.M., and Diwan Bahadur V. M. Kelker, M.A., have been re-elected as Vice-Chancellor and Treasurer of the University respectively, for a fresh term of two years.

(2) The following persons have been appointed delegates of the University at the Quinquennial Conference of Indian Universities to be held at Delhi in March 1934 :--

(i) Mr. A. C. Sen Gupta, M.A., Principal, Morris College, Nagpur (Representative of the University on the Inter-University Board.)

(ii) Mr. M. Owen, M.Sc., F.Inst.P., Principal, College of Science, Nagpur.

(iii) R. B. K. V. Brahma, B.A., LL.B., M.B.E., C.I.E., Advocate, Amraoti.

#### 7. THE LAXMINARAYAN BEQUEST.

The Technological Training Committee appointed by the Executive Council is proceeding with the consideration of terms referred to it. It has appointed a sub-committee consisting of Dr. H. K. Sen, Mr. K. H. Vakil, Mr. D. V. Athavale, Dr. N. N. Godbole and Dr. K. Krishnamurti to work out details and to draft a report.

Meanwhile the University is considering the award of a few scholarships for training in Industrial Chemistry.

#### 8. MISCELLANEOUS.

(1) The University Sports Tournament for the year concluded on the 16th December, 1933, when the Trophies were presented to the winners by His Excellency the Chancellor.

(2) An Inter-University Cricket match has been arranged between the teams of Nagpur University and the Osmania University on the 5th and 6th January 1934.

*23rd December, 1933.*

A. C. SEN GUPTA,  
*Representative of Nagpur University  
on the Inter-University Board, India.*

## OSMANIA UNIVERSITY.

*Administration.*—Sir Akbar Hydari, Sir Richard Trench and Nawab Mahdi Yar Jung Bahadur returned from the Round Table Conference and resumed their seats on the University Council.

*Changes in the Members of Academic Bodies.*— New elections were made for the Faculty of Law. New rules were sanctioned by the Senate for the appointment of members to the Boards of Studies and elections were held under these new rules. Two Committees were constituted by the Senate for the moderation of results one for the Matriculation Examination and the other for the B.A., B.Sc., and higher examinations.

*Revision of Courses.*—The revised M.Sc. Course in Physics was sanctioned by the Senate.

*Conferences, etc.*—Messrs. Khan Fazl Muhammad Khan and Qazi Muhammad Husain represented the University at the Jubilee Celebrations of the Punjab University. The following gentlemen have been deputed to represent the University in the Conferences noted against their names :—

Dr. Raziuddin Siddiqi .. .	..	..	}
Mr. M. Sayeeduddin .. .	..	..	
Dr. B. K. Das .. .	..	..	
Mr. M. Rahimullah .. .	..	..	
Dr. Brij Mohan Lal .. .	..	..	
Dr. D. D. Shendarkar .. .	..	..	
Dr. Abdul Haq .. .	..	..	
Dr. M. Nizamuddin .. .	..	..	
Dr. Ghulam Mohiuddin Quadri .. .	..	..	
Dr. Kh. Abdul Hakim .. .	..	..	
Dr. Mir Valiuddin .. .	..	..	
Dr. Syed Jafar Hasan .. .	..	..	
			Indian Science Congress, Bom-
			bay.
			Indian Oriental Conference at
			Baroda.
			Indian Philosophical Congress,
			Poona.
			Indian Economic Conference,
			Annamalainagar.

*Extension Lectures.*—Under the auspices of the University Dr. Rabindranath Tagore delivered an address to the students. The following extension lectures were delivered by the Professors of the University :

Dr. B. K. Das .. .	..	..	..	“ Some Wonderful Aspects of the
Mr. M. Rahimullah .. .	..	..	..	Science of Life.”
Mr. Habibur Rahman .. .	..	..	..	“ Some Causes of the Present
				Economic Depression.”
Dr. Kh. Abdul Hakim .. .	..	..	..	“ Psychology of Religious Ex-
				perience.”
Dr. Mir Valiuddin .. .	..	..	..	“ The Study of Philosophy and
				its Value.”

## OSMANIA UNIVERSITY COLLEGE.

The following gentlemen returned from England after obtaining the degrees noted against their names : --

- (1) Dr. Syed Sajjad, M.A. (Allahabad), Asst. Professor of Urdu, Ph.D. (London).
- (2) Mr. Syed Ahmed Quadri, a former student of the Osmania University College, B.Sc. (Honours) (Manchester), has been appointed a Demonstrator in Physics.
- (3) Mr. Maqbool Ali, B.A. (Osmania), L.R.C.P. and M.R.C.S. (England).
- (4) Mr. Intesaruddin, B.A. (Osmania), B.Sc. (Civil Engineering) (Glasgow).

Mr. Mohammad Khalil-ur-Rahman, M.Sc. (Osmania) was appointed a Demonstrator in Chemistry.

As announced in the last issue of the *Inter-University Board Bulletin*, the first volume of the Journal of the Osmania University College has now been issued.

The British Universities Debating Team paid a visit to the University in October. The subject of debate was "The World owes more to Poets than to Politicians".

Dr. Hamidullah, M.A., LL.B. (Osmania) was awarded the Ph.D. Degree by the University of Bonn (Germany) for his thesis on Muslim International Law.

The College Day was, as usual, celebrated with great enthusiasm and success. His Excellency Maharajah Sir Kishan Pershad Bahadur Yaminus Saltanat, the Chancellor, presided and gave away the prizes.

The chief feature of this year's celebrations was the presence of Dr. Rabindranath Tagore at the dramatic performance staged by the students.

*Research.* -- The following papers have been published :--

- (1) "On the possibility of Cultivation of Saffron, *Crocus sativus* (Fam. Iridaceæ) in the Hyderabad State and its importance." By Inam-ul-Haq and M. Sayeeduddin. (*Current Science*, Vol. I, No. 12, June 1933, p. 394.)
- (2) "Further Observations on the Distribution and Associations of *Lantana camara* Linn. in Hyderabad, Deccan." By M. Sayeeduddin and Abdus Salam. (*Current Science*, Vol. II, No. 3, September 1933, p. 83.)
- (3) "On the Bionomics, Structure and Physiology of Respiration in an Estuarine Air-breathing Fish, *Pseudopocryptes lanceolatus* (Bloch and Schneider)," by Dr. B. K. Das. (*Current Science*, Vol. I, No. 12, 1933.)

- (4) "On certain Helminth Parasites from 'Chandrabora'.....  
Russell's Viper (*Vipera Russellii*) obtained from the Nizam's  
Dominions." By Mr. M. Rahimullah and Dr. B. K. Das.  
(*Current Science*, Vol. II, No. 5, 1933.)
- (5) "Contributions to our Knowledge of the habits of a Scorpion,  
'Buthus acute-carinus' obtained from the Nizam's Domi-  
nions." By Mr. M. Rahimullah and Dr. B. K. Das. (*Journal  
of the Osmania University College*, Vol. I, 1933.)
- (6) "On a New Technique for the Preparation of whole amounts  
of Vertebrate Skeletons by tissue-transparency methods."  
By Mr. M. Rahimullah and Dr. B. K. Das. (*Ibid.*, 1933.)

#### MEDICAL COLLEGE.

Captain Madan Gopal Sanichar, I.M.S., F.R.C.S.E., has been appointed part-time Professor of Medical Jurisprudence.

The members of the staff of the College have instituted a Gold Medal in the name of Lieut.-Col. Farhat Ali, Principal of the College, to be awarded annually at the University Convocation to the student who stands first in Anatomy.

#### OSMANIA UNIVERSITY COLLEGE FOR WOMEN.

Her Excellency the Countess of Willingdon visited the College during her visit to Hyderabad in December and expressed her warm appreciation of the work done in the College.

The Senior Intermediate Science Class was opened in July, and the laboratory was considerably improved.

Siraj-un-Nissa Begam, B.A. (Osmania), and Bashir-un-Nissa, B.A. (Osmania), have been appointed to two new posts sanctioned for the College.

HYDERABAD (DECCAN),  
21st December, 1933.

SAIDUDDIN KHAN,  
*Assistant Registrar.*

### THE UNIVERSITY OF THE PANJAB.

1. Dr. A. C. Woolner, C.I.E., M.A., D.Litt., F.A.S.B., has been reappointed as Vice-Chancellor of this University with effect from the 6th October, 1933, for a period of two years.

2. Two new Colleges, i.e., the M. A. O. Intermediate College, Amritsar, and the Stratford Intermediate College for Women, Amritsar, have been affiliated to this University up to the Intermediate standard.

3. The following important amendments of Regulations have been sanctioned :—

- (a) Late College students who have completed the prescribed course for an examination in specified Faculties can be admitted to the examination as private candidates within a period of three years, instead of two years as before, after completing such course.
- (b) The options of (a) Physiology and Human Anatomy, and (b) Zoology and Human Anatomy, have been added for the B.Sc. Examination with effect from the examination to be held in 1935.
- (c) Candidates who appear in the Supplementary Examinations on account of illness or accident to themselves or death of a near relative, can join a college provisionally in the next higher class pending the publication of their result.

4. In connection with the celebrations of the University Jubilee, degrees noted against their names were conferred *honoris causa* on the following distinguished personages at the Special Jubilee Convocation held on the 4th December, 1933 :—

(1)	The Hon'ble Mian Sir Fazl-i-Hussain, Kt., K.C.S.I., K.C.I.E., Member, Viceroy's Executive Council ..	LL.D.
(2)	The Hon'ble Sir Shadi Lal, Kt., R.B., M.A., B.C.L., Bar-at-Law, Chief Justice, High Court of Judicature at Lahore .. .. .. .. ..	LL.D.
(3)	The Hon'ble Captain Sirdar Sir Sikander Hyat-Khan, K.B.E., Revenue Member, Panjab Government ..	D.O.L.
(4)	Sardar Bahadur Sir Sundar Singh Majithia, Kt., C.I.E... .	D.O.L.
(5)	Dr. Sir Muhammad Iqbal, Kt., M.A., Ph.D. ..	D.Litt.
(6)	A. C. Woolner, Esq., C.I.E., M.A., F.A.S.B., Vice-Chancellor, University of the Panjab .. ..	D.Litt.

In addition to the above list, the following distinguished personages were to be conferred Honorary Degrees noted against their names at the

aforesaid Convocation, but it was not possible for them to be present at the occasion :—

- (1) His Highness the Maharaja of Jammu and Kashmir .. L.L.D.
- (2) His Highness the Maharaja of Patiala .. .. L.L.D.
- (3) His Highness the Nawab of Bahawalpur .. .. L.L.D.
- (4) Rai Bahadur Professor Shiv Ram Kashyap, B.A., M.Sc., I.E.S., University Professor of Botany .. .. D.Sc.

5. The following programme was observed at the Jubilee Celebrations of the Fiftieth Anniversary of the Foundation of the University of the Panjab at Lahore :—

December 4.—

12 Noon .. ..	Reception of Delegates and the Conferment of Honorary Degrees at a Special Convocation in the University Hall.
4 P.M. .. ..	"At Home" at the University Hall.
11 A.M. to 6 P.M. .. ..	Exhibition of Ancient Indian Paintings at the Maynard Hall.
9-30 P.M. .. ..	Dramatic Play in the Government College Hall.

December 5.—

10 A.M. to 12-30 P.M. .. ..	Excursions. Exhibition of Manuscripts at the University Library.
3 P.M. to 6 P.M. .. ..	Conversations.
4-30 P.M. .. ..	Laying of the Foundation Stone of the University Union Society Building.
11 A.M. to 6 P.M. .. ..	Exhibition of Ancient Indian Paintings at the Maynard Hall.
8-15 P.M. .. ..	Banquet at the Nedou's Hotel.

December 6.—

9 A.M. to 12-30 P.M. and ..	Excursions.
4 P.M. to 6 P.M. .. ..	Exhibition of Manuscripts at the University Library.
2 P.M. to 4 P.M. .. ..	Demonstration of Physical Training at the University Chauburji Grounds.
4 P.M. to 6-30 P.M. .. ..	<i>Mushaira</i> at the University Chauburji Grounds.

11 A.M. to 6 P.M.	..	Exhibition of Ancient Indian Paintings at the Maynard Hall.
8-15 P.M.	..	Alumni Dinner in the University Hall.

The Exhibition of Ancient Indian Paintings at the Maynard Hall continued up to the 10th of December 1933. On the 8th of December 1933 the Exhibition was opened only to the ladies.

The Panjab Government Record Office was opened for Delegates to the Jubilee from the 5th to the 7th December 1933.

6. Dr. Ph. C. Visser, Consul-General for the Netherlands, the well-known explorer, delivered two lectures on the following subjects in November 1933 :—

1st Lecture—"Exploration in the Mountains of Hunza (Western Kara Koram)."

2nd Lecture—"The Netherlands Kara Koram Expedition in 1929-30 to Ladakh and Chinese Turkistan."

Both the lectures were illustrated by a series of beautiful lantern slides.

7. A British Debating Team, consisting of three members, came to Lahore to have a debate with the students of this University. The Debate was held in the University Hall on the 11th November 1933. The subject of the Debate was "That the world owes more to poets than to politicians".

8. The following is the programme of the University Extension Lectures for the 1933-34 session :—

NAME OF THE LECTURER.	PLACE WHERE THE LECTURE IS TO BE DELIVERED.	SUBJECT FOR LECTURE.
<b>A Course of 3 Lectures at each Centre.</b>		
1. Dr. F. M. Veite, M.A., Ph.D.	.. Bahawalpur.	"Three Great Writers of To-day :— Masefield, Sinclair Lewis and Shaw."
2. Dr. S. S. Bhatnagar, D.Sc., F.Inst.P.	Rawalpindi.	"The Architecture of Matter as revealed by Physico-chemical Methods."
3. Dr. H. B. Dunnicliff, M.A., Sc.D., I.E.S.	Ferozepur.	"Modern Scientific Discoveries."
4. M. G. Singh, Esq., M.A. ..	.. Jammu.	(a) English Poetry : Its Sources of Inspiration. (b) English Poetry : Elements of appreciation for Foreign Students. (c) English Literature :—Modern Tendencies.
5. Sita Ram Kohli, Esq., M.A.	.. Patiala.	"Indus Valley Civilization as evidenced by the Discoveries at Mohenjo Daro and Harrapa."
6. Dr. S. K. Datta, B.A., M.B., Ch.B.	Jullundur.	<i>Subject yet to be settled.</i>
7. Dr. K. N. Sita Ram, M.A., Ph.D. ..	Peshawar. (Islamia College)	"Muslim Architecture and Paintings."
8. Prof. J. F. Bruce, M.A. ..	.. Amritsar.	"Prospects of Democracy in Europe."
9. Dr. K. C. Khanna, M.A., Ph.D. ..	Shahpur.	"Anglo-Sikh Relations from 1837-49."

The names of the Lecturers for Sialkot and Ludhiana are yet to be settled.

**Lectures meant for Ladies exclusively : One Lecture at each Centre.**

NAME OF THE LECTURER.	PLACE WHERE THE LECTURE IS TO BE DELIVERED.	SUBJECT FOR LECTURE.
1. Miss K. B. Feroze-ud-Din, M.A., M.O.L.	Sialkot.	<i>Subject to be approved yet.</i>
2. Mrs. Sita Ram Kohli, B.A. . .	Ludhiana.	Do.
3. Mrs. C. Durga Parshad, B.A., T.Dip.	Amritsar.	"Psychology in the Service of Women."
4. Mrs. G. K. Manmohan Singh, B.A. (Pb), Teachers' Training (Cambridge).	Rawalpindi.	<i>Subject to be approved yet.</i>
5. Mrs. Vasugar, M.A. (Bomb.), B.A. (Oxon.)	Ferozepur <i>or</i> Moga.	Do.
6. Miss R. Sondhi, B.A. (Oxon.) . .	Jullundur.	Do.

9. This University is at present examining in detail the recommendations made by the Panjab University Enquiry Committee with a view to submit to the Panjab Government (Ministry of Education) its opinion on the various recommendations made in the Report.

HAILEY HALL, LAHORE,  
13th December, 1933.

ISHWAR DAS,  
Registrar,  
*University of the Panjab.*

## PATNA UNIVERSITY.

The following noteworthy changes occurred in the personnel of the University :—

1. (a) The Hon'ble Sir T. S. Macpherson ceased to be the Vice-Chancellor and the Hon'ble Khan Bahadur Khaja Mohamad Noor succeeded him. The Hon'ble Sir T. S. Macpherson was nominated a Representative Fellow. Mr. Chandreshwar Prasad Narayan Singh was nominated a Representative Fellow in place of Sir Jwala Prasad, deceased. Mr. B. C. Sinha ceased to be a Representative Fellow.

(b) *Syndicate.*—Mr. F. R. Blair, Mr. B. Sanjana, Mr. Rai Brij Raj Krishna and Mr. Sri Narayan Mahtha were elected members of the Syndicate.

2. *Lectures.*—Professor James Mackintosh, K.C., LL.D., nearly forty years Professor of Civil Law at the University of Edinburgh, who has been appointed Tagore Professor of Law at the Calcutta University, has accepted the invitation of this University to deliver lectures on "Some Aspects of Roman Law" to students of this University during the next two months.

3. (a) *Endowments.*—The Principal, Bihar College of Engineering, has placed Rs. 1,100 collected by public subscription, under the University for the endowment of a gold medal to be called "Walford Medal" and to be awarded annually in memory of Mr. F. Walford, late Principal of the Bihar College of Engineering, to the candidate who, appearing for the first time, stands highest in the final examination for the degree of Engineering, and Rs. 1,000 for endowment of a gold medal to be called "Rai Sahib Ramji Das Gupta Medal" and to be awarded annually in memory of Rai Sahib Ramji Das Gupta, late Professor of the Bihar College of Engineering to the candidate who passes the Bachelor of Civil Engineering examination in the Structural Design at the first attempt.

(b) Rai Sahib Annada Pd. Mitra has placed a G. P. Note of the face value of Rs. 300 at the disposal of the University for augmenting the Harendranath Manorama Scholarship Fund.

### 4. *Examination Results, 1933.*

		Number appeared.	Number passed.
Matriculation Supplementary ..	..	938	321
Intermediate Arts Supplementary ..	..	261	102
Do. Science Supplementary ..	..	137	72
Bachelor of Arts Supplementary ..	..	166	62
Do. Science Supplementary ..	..	30	12
Preliminary Law (June) ..	..	197	126

		Number appeared.	Number passed.
Final Law (June)	.. ..	157	99
2nd M.B., B.S., Part I (September)	..	19	14
Do. Part II (September)	..	17	9
Final M.B.B.S. Part I (September)	..	36	22
Do. Part II (September)	..	27	14
Master of Arts .. ..	..	93	66
Master of Science .. ..	..	13	8

5. *Convocation.*—The Annual Convocation of the University was held on the 25th November 1933. His Excellency Sir James David Sifton, K.C.S.I., K.C.I.E., I.C.S., Chancellor of the University, presided. The Convocation was addressed by Dr. R. P. Paranjpye, M.A., B.Sc., D.Sc., Vice-Chancellor of the University of Lucknow.

The degree of Doctor of Law *honoris causa* was conferred upon the Hon'ble Sir Ganesh Dutta Singh, Minister of Local Self-Government at the Convocation, on the ground that he was by reason of his eminent position and attainments a fit and proper person to receive such a degree.

6. *Miscellaneous.*—There is a Training Corps of the University known as the 7th (Patna) Company University Training Corps of the Indian Territorial Force and 98 students from different colleges at Patna are enrolled, consisting of a Company Sergeant Major, a Company Quarter Master, five Sergeants, six Corporals, nine Lance-Corporals and 76 Cadets. There is also a waiting list of 86 students who have applied for enrolment. The Corps receives Rs. 2,400 from Government as training grant for the annual training camp. A special Government grant of Rs. 6,140-15-0 for various items of expenditure was made during the year. The University, besides paying the Bungalow rent and taxes, makes an annual grant of Rs. 1,500.

The British Debating Team visited this University on the 2nd of November. The debate in which some of our students took part was highly appreciated by a packed audience of students.

KAMALA PRASAD,  
Registrar.

15th December, 1933.

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